 Custom View Settings

Topic 1 - Question Set 1

You have the tables shown in the following table.

Table name	Column name
Campaigns	Campaign_ID
	Name
Ads	Ad_id
	Name
	Campaign_id
Impressions	Impression_id
	Ad_id
	Site_name
	Impression_time
	Impression_date

The Impressions table contains approximately 30 million records per month.

You need to create an ad analytics system to meet the following requirements:

- ☞ Present ad impression counts for the day, campaign, and Site_name. The analytics for the last year are required.
- ☞ Minimize the data model size.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Group the Impressions query in Power Query by Ad_id, Site_name, and Impression_date. Aggregate by using the CountRows function.
- B. Create one-to-many relationships between the tables.
- C. Create a calculated measure that aggregates by using the COUNTROWS function.
- D. Create a calculated table that contains Ad_id, Site_name, and Impression_date.

Correct Answer: AB

Community vote distribution

AB (86%)

14%

🗨️ **ying1234** Highly Voted 1 year, 4 months ago

A and B. answer is correct. less line will get input.
upvoted 70 times

🗨️ **idavidmei** 1 year, 4 months ago

It cannot be A and B. Group by will reduce the Power Query table into two columns, which means you would have to duplicate tables in order to get the desired results. You can use a calculate function - Calculate(Sum(Ad_Impressions), GROUPBYBY(Table, Column))
upvoted 6 times

🗨️ **ocelot911** 1 year, 4 months ago

that will not reduce the data model. Remember Aggregating data prior to the data model is key
upvoted 1 times

🗨️ **prabhjot** 9 months, 1 week ago

Ans is A & B- @ocelot911 you need to do analytics by joining 2 tables, plus reduce the data model size (every month 30 million records they collect in impression table)
upvoted 1 times

🗨️ **saidMS** 1 year, 2 months ago

So how do you think B and C will Minimize the data model size ?
upvoted 1 times

🗨️ **fspelllet** 10 months, 4 weeks ago

It's in the question, "Which two actions should you perform?"
upvoted 1 times

🗨️ **CDL** Highly Voted 1 year, 3 months ago

Tested, A+B
for A, just reduce the Table size in PQ editor.
<https://docs.microsoft.com/en-us/power-bi/guidance/import-modeling-data-reduction#group-by-and-summarize>
upvoted 21 times

🗨️ **ZVV** 1 year, 2 months ago

Why we need B?
Why not just A?
upvoted 1 times

🗨️ **mullered** 10 months, 2 weeks ago

You have the three tables. They need to relate to each other else the values will be meaningless.

upvoted 2 times

  **fspelllet** 10 months, 4 weeks ago

It's stated in the question there needs to be two choices, "Which two actions should you perform?"

upvoted 3 times

  **PrudenceK** Most Recent 3 days, 19 hours ago


On exam 03/01/2022. I answered AB.

upvoted 1 times

  **Ankit_da** 1 week, 2 days ago

This question not in my test : 24/02/2022

upvoted 1 times

  **ddams** 2 weeks, 3 days ago

Selected Answer: AB

A and B. answer is correct

upvoted 1 times

  **Joaquim_Ti_Smart** 2 weeks, 5 days ago

Selected Answer: U

Resposta A

upvoted 1 times

  **veenanair** 3 weeks, 3 days ago

A & B is correct

upvoted 1 times

  **futelio** 1 month ago

Selected Answer: AB

A and B. answer is correct

upvoted 1 times

  **fusioner** 1 month, 1 week ago

In Exam on 19-01-2022. Correct Answer A and B



upvoted 1 times

  **Abood110** 2 months, 1 week ago

Selected Answer: AB

Selected

upvoted 1 times

  **kblee** 2 months, 1 week ago

Yes, A + B is correct

upvoted 1 times

  **Duledule** 2 months, 1 week ago

Selected Answer: AB

this is my answer

upvoted 1 times

  **Amira15** 2 months, 1 week ago

Selected Answer: AB

A & B That two answer are correct

upvoted 1 times

  **rajukl** 2 months, 2 weeks ago

a and b is correct answer

upvoted 1 times

  **HAQUANGNINH** 2 months, 2 weeks ago

I practiced here and passed DA-100 with 945 points on Dec 18th 2021. Almost all questions in exam from here. Thanks Examtopics.

upvoted 3 times

  **Amit67** 2 months, 1 week ago



Can you please share the da-100 dumps

upvoted 1 times

  **PatrickStr** 2 months, 3 weeks ago

On exam 12/10/2021

upvoted 1 times

  **tranquanhuy2111** 3 months, 1 week ago

Selected Answer: AB

Match with my answer

upvoted 1 times

Your company has training videos that are published to Microsoft Stream.
 You need to surface the videos directly in a Microsoft Power BI dashboard.
 Which type of tile should you add?

- A. video
- B. custom streaming data
- C. text box
- D. web content

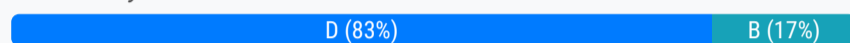
Correct Answer: B

The only way to visualize a streaming dataset is to add a tile and use the streaming dataset as a custom streaming data source.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-real-time-streaming>

Community vote distribution



clualaba Highly Voted 1 year, 4 months ago

I tested it and Web content seems to be the correct answer
 upvoted 94 times

Zakriya 10 months, 2 weeks ago

True, copy the embedded code and then paste it on Web Content
 upvoted 4 times

cufta05 4 months, 2 weeks ago

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget>
 upvoted 2 times

saisreeja 2 months, 1 week ago

It is custom streaming. There is an article on it. Remember it's streaming data.
 upvoted 2 times

Sunny93 1 year, 4 months ago

why not custom streaming?
 upvoted 3 times

hk_n 1 year, 4 months ago

Custom streaming is used for monitoring real time data.
<https://docs.microsoft.com/en-us/power-bi/connect-data/service-real-time-streaming>

There are three types of real-time datasets, which are designed for display on real-time dashboards:

Push dataset
 Streaming dataset
 PubNub streaming dataset
 upvoted 11 times

hk_n 1 year, 4 months ago

Correct, video allows only to embed youtube and vimeo at the moment
 upvoted 7 times

oneoneone 1 year, 3 months ago

Also tested and the answer is Web Content. Video only allows content from Youtube and Vimeo.
 upvoted 2 times

examprep_user Highly Voted 1 year, 4 months ago

Answer is D - Web Content
 Copy Embed code from Microsoft Stream and add a Web Content tile in power bi dashboard
<https://docs.microsoft.com/en-us/stream/portal-embed-video>
<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget#add-web-content>
 upvoted 31 times

Ankit_da Most Recent 1 week, 2 days ago

This question not in my test : 24/02/2022
 upvoted 3 times

ddams 2 weeks, 3 days ago

Selected Answer: B

it's B

upvoted 1 times

🗨️ **zakikiw** 1 month, 2 weeks ago

The answer is A Video

To add a YouTube or Vimeo video tile to your dashboard, the video plays right on your dashboard

1. From the Add tile window, select Video > Next.

2. Add video information in the Add video tile window:

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget>

upvoted 1 times

🗨️ **BOT28** 1 month, 3 weeks ago

D is correct

upvoted 1 times

🗨️ **Asifins1** 2 months ago

Selected Answer: D

Web Content

upvoted 1 times

🗨️ **Nazami** 2 months, 1 week ago

Selected Answer: D

D is correct.

upvoted 1 times

🗨️ **kblee** 2 months, 1 week ago

Correct, there is another quite similar question which is refer to video published to youtube then the answer is video

upvoted 1 times

🗨️ **kaun** 2 months, 1 week ago

web content is the correct answer

upvoted 1 times

🗨️ **amitvec** 2 months, 1 week ago

Answer seems to be D - Web Content Copy Embed code from Microsoft Stream and add a Web Content tile in power bi dashboard

<https://docs.microsoft.com/en-us/stream/portal-embed-video>

upvoted 1 times

🗨️ **Amira15** 2 months, 1 week ago

the answer D is correct

upvoted 1 times

🗨️ **haepoeg** 2 months, 2 weeks ago

Web content

upvoted 1 times

🗨️ **RohitTheMastermind** 2 months, 3 weeks ago

Selected Answer: D

Answer is D , Web content through embedded code

upvoted 1 times

🗨️ **strikersree** 3 months ago

Selected Answer: D

Streaminf videos can be done using web content

upvoted 1 times

🗨️ **FredNo** 3 months ago

Selected Answer: D

Its web content because you can copy the embedded code from the source website hosting the video

upvoted 1 times

🗨️ **Imad19** 3 months, 1 week ago

The answer is D.

<https://community.powerbi.com/t5/Service/How-to-place-a-Microsoft-Stream-Video-or-MovingImage-Video-on/m-p/1280047>

upvoted 1 times

You open a query in Power Query Editor.

You need to identify the percentage of empty values in each column as quickly as possible.

Which Data Preview option should you select?

- A. Show whitespace
- B. Column profile
- C. Column distribution
- D. Column quality

Correct Answer: D

Column quality: In this section, we can easily see valid, Error and Empty percentage of data values associated with the Selected table.

Note: In Power Query Editor, Under View tab in Data Preview Section we can see the following data profiling functionalities:

- ☞ Column quality
- ☞ Column distribution
- ☞ Column profile

Reference:

<https://community.powerbi.com/t5/Community-Blog/Data-Profiling-in-Power-BI-Power-BI-Update-April-2019/ba-p/674555>

Community vote distribution







- 🗳️ **venmaniram** Highly Voted 1 year, 4 months ago
 Colum Quality is the right answer
 upvoted 70 times
- 🗳️ **Analyst_BK** 7 months, 2 weeks ago
<https://docs.microsoft.com/en-us/power-query/data-profiling-tools>
 upvoted 2 times
- 🗳️ **PrudenceK** Most Recent 3 days, 19 hours ago
 On my exam 03/01/2022 - column quality
 upvoted 1 times
- 🗳️ **Ankit_da** 1 week, 2 days ago
 This question not in my test : 24/02/2022
 upvoted 1 times
- 🗳️ **wilberlinhares** 2 weeks, 3 days ago
Selected Answer: D
<https://www.examttopics.com/exams/microsoft/da-100/view/#>
 upvoted 1 times
- 🗳️ **Pritam85** 1 month, 1 week ago
 Column Quality is correct answer
 upvoted 1 times
- 🗳️ **Imranceb** 1 month, 2 weeks ago
 Column Quality
 upvoted 1 times
- 🗳️ **MustPassDA100** 2 months, 1 week ago
 on exam 12/25/2021
 upvoted 1 times
- 🗳️ **Amira15** 2 months, 1 week ago
 Colum Quality (D) is correct
 upvoted 1 times
- 🗳️ **Amira15** 2 months, 1 week ago
 column quality (D) is correct
 upvoted 1 times
- 🗳️ **NOBODY1230** 2 months, 2 weeks ago
 on exam 12/10/2021
 upvoted 2 times
- 🗳️ **smario** 2 months, 2 weeks ago



Selected Answer: D



Right ans



upvoted 1 times



  **PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 1 times



  **strikersree** 3 months ago
Column Quality
upvoted 1 times



  **PeanutShake** 3 months ago
Agree the answer with D.
upvoted 1 times

  **aet1988** 4 months, 2 weeks ago
On exam 18 Oct
upvoted 4 times

  **Diginomad** 4 months, 1 week ago
same 25/10
upvoted 1 times

  **kcwood94** 4 months, 3 weeks ago
On exam 10/14/21
upvoted 2 times

  **lhueghian** 4 months, 2 weeks ago
Me too
upvoted 1 times

  **Rayroy** 5 months, 4 weeks ago
And: D
upvoted 1 times

You have a prospective customer list that contains 1,500 rows of data. The list contains the following fields:

- ☞ First name
- ☞ Last name
- ☞ Email address
- ☞ State/Region
- ☞ Phone number

You import the list into Power Query Editor.

You need to ensure that the list contains records for each State/Region to which you want to target a marketing campaign.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Open the Advanced Editor.
- B. Select Column quality.
- C. Enable Column profiling based on entire dataset.
- D. Select Column distribution.
- E. Select Column profile.

Correct Answer: DE

Data Profiling, Quality & Distribution in Power BI / Power Query features

To enable these features, you need to go to the View tab → Data Preview Group → Check the following:

- ☞ Column quality
- ☞ Column profile
- ☞ Column distribution

The screenshot shows the Power Query Editor interface with several callouts highlighting specific features:

- Column quality:** A callout points to the top row of the data preview, which shows quality metrics for columns: Date (100% Valid, 0% Error, 0% Empty), ProductName (100% Valid, 0% Error, 0% Empty), Territory (100% Valid, 0% Error, 0% Empty), Sales (100% Valid, 0% Error, 0% Empty), Code (100% Valid, 0% Error, 0% Empty), and Master Account (100% Valid, 0% Error, 0% Empty).
- Column distribution:** A callout points to the bar charts below the quality metrics, which show the distribution of data for each column. For example, 'Date' has 535 distinct and 247 unique values.
- Column profile:** A callout points to the 'Column statistics' panel on the left, which displays summary statistics for the selected column (Date): Count (1000), Error (0), Empty (0), Distinct (535), Unique (247), Min (9/1/2017), Max (8/4/2019), and Average (8/15/2018).

- ☞ Column profile

Turn on the Column Profiling feature.

Options

GLOBAL

- Data Load
- Power Query Editor
- DirectQuery
- R scripting
- Security
- Privacy
- Updates
- Usage Data
- Diagnostics
- Preview features
- Auto recovery

CURRENT FILE

- Data Load
- Regional Settings
- Privacy
- Auto recovery
- Query reduction
- Report settings

Preview features

The following features are available for you to try in this release. Preview features might change or be removed in future releases.

- Shape map visual [Learn more](#)
- M Intellisense [Learn more](#)
- Spanish language support for Q&A [Learn more](#)
- Get data from PDF files [Learn more](#)
- Enable column profiling [Learn more](#)
- Show dates as a hierarchy in the fields list [Learn more](#)
- Python support [Learn more](#)
- Incremental Refresh Policies [Learn more](#)
- Composite Models [Learn more](#)
- Manage Aggregations [Learn more](#)
- Enable fuzzy merge [Learn more](#)

OK

Cancel

Column distribution

Can use it to visually realize that your query is missing some data because of distinct and uniqueness counts.



Reference:

<https://www.poweredsolutions.co/2019/08/13/data-profiling-quality-distribution-in-power-bi-power-query/>

<https://www.altentertraining.com/microsoft/power-bi/column-profiling-is-good/>

Community vote distribution

CE (100%)

ammu Highly Voted 10 months, 1 week ago

Answer in C and E
Question has it has part of answer.
Enable Column profiling based on entire dataset and then Select Column Profile
upvoted 71 times

dlring Highly Voted 9 months, 4 weeks ago

Answer in C and E.
Column Profile can show distinct and unique count of select field.
The key point is the customer list contains 1,500 rows of data.

Column Profile Notes:

If you are reviewing a large dataset with more than 1,000 rows, and you want to analyze that whole dataset, you need to change the default option at the bottom of the window.

Select Column profiling based on top 1000 rows => Column profiling based on entire data set.

upvoted 35 times

Sudhansu21 Most Recent 5 days ago

On Exam Feb, 2022
upvoted 1 times

Ankit_da 1 week, 2 days ago

this question present on 24/02/2022
upvoted 2 times

Asifins1 2 months ago

Selected Answer: CE

C and E

upvoted 3 times

🗨️ **kwanalytics** 2 months, 1 week ago

On exam Dec 27, 2021 - answer C&E

upvoted 2 times

🗨️ **kblee** 2 months, 1 week ago

C and E are correct, you need to click on the column profile to show profiling based on entire dataset because default only show 1000rows

upvoted 1 times

🗨️ **say88** 2 months, 1 week ago

On exam Dec 10, 2021

upvoted 1 times

🗨️ **BanderMansor** 2 months, 1 week ago

C & E Correct

upvoted 1 times

🗨️ **Amira15** 2 months, 1 week ago

C and E that two answer's are correct

upvoted 1 times

🗨️ **SirDrizzle** 2 months, 1 week ago

You cant profile all the columns in the dataset. Thus, we need to only profile column states. Answer is D & E

upvoted 1 times

🗨️ **SirDrizzle** 2 months, 1 week ago

Please remove. Answer is C & E

upvoted 2 times

🗨️ **haepoeg** 2 months, 2 weeks ago

C and E

upvoted 1 times

🗨️ **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021 but i don't have option C so i select D & E

upvoted 1 times

🗨️ **RohitTheMastermind** 2 months, 3 weeks ago

Selected Answer: CE

Answer in C and E

upvoted 1 times

🗨️ **wei123** 2 months, 3 weeks ago

Should be D & E

upvoted 1 times

🗨️ **adbukavu** 2 months, 4 weeks ago

It was a Tableau employee who provided the answers on the website

upvoted 1 times

🗨️ **strikersree** 3 months ago

Selected Answer: CE

As the column profiling is done for only 1000 rows by default, we need to enable it for entire dataset and quality enables you to check if there are any empty values. So C and E

upvoted 3 times

🗨️ **Dinnull1503** 2 months, 4 weeks ago

C. Enable Column profiling based on entire dataset.

E. Select Column profile.

Right (?)

upvoted 1 times

HOTSPOT -

You have an API that returns more than 100 columns. The following is a sample of column names.

- ☞ client_notified_timestamp
- ☞ client_notified_source
- ☞ client_notified_sourceid
- ☞ client_notified_value
- ☞ client_responded_timestamp
- ☞ client_responded_source
- ☞ client_responded_sourceid
- ☞ client_responded_value

You plan to include only a subset of the returned columns.

You need to remove any columns that have a suffix of sourceid.

How should you complete the Power Query M code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```

let
    Source = ...,
    rawData = Source{[tableId= "clientData"]}[Data],
    removeSources = 
        Table.CombineColumns(
            rawData,
            Table.ColumnNames(rawData),
            List.Contains,
            List.Select,
            Table.FindText,
            Table.FromList
        )
        each Text.EndsWith(
            _, "sourceid")
in
    removeSources
  
```

Answer Area

let

```
Source = ...,  
rawData = Source{[tableId= "clientData"]}[Data],  
removeSources =
```

▼
Table.CombineColumn
Table.FindText
Table.FromList
Table.RemoveColumns

(rawData,

Correct Answer:

▼
List.Contains
List.Select
Table.FindText
Table.FromList

(Table.ColumnNames(rawData),

each

▼
Text.Contains
Text.EndsWith
Text.From
Text.StartsWith

(_, "sourceid"))

in

removeSources

Box 1: Table.RemoveColumns -

When you do λ Remove Columns λ Power Query uses the Table.RemoveColumns function

Box 2: List.Select -

Get a list of columns.

Box 3: Text.Contains -

Example code to remove columns with a slash (/):

let

```
Source = Excel.Workbook(File.Contents("C: Source"), null, true),
```

```
#"1_Sheet" = Source{[Item="1",Kind="Sheet"]}[Data],
```

```
#"Promoted Headers" = Table.PromoteHeaders("#1_Sheet", [PromoteAllScalars=true]),
```

```
// get columns which contains any slash among values
```

```
ColumnsToRemove =
```

```
List.Select(
```

```
// get a list of all columns
```

```
Table.ColumnNames("#Promoted Headers"),
```

```
(columnName) =>
```

```
let
```

```
// get all values of a columns
```

```
ColumnValues = Table.Column("#Promoted Headers", columnName),
```

```
// go through values and stop when you find the first occurrence of a text containing a slash
```

```
// if there is a value with a slash, return true else false
```

```
ContainsSlash = List.AnyTrue(List.Transform(ColumnValues, each Text.Contains(_, "/"))) in
```

```
ContainsSlash -
```

```
),
```

```
// remove columns
```

```
Result = Table.RemoveColumns("#Promoted Headers", ColumnsToRemove) in
```



Result -



Reference:



<https://community.powerbi.com/t5/Power-Query/Remove-columns-containing-a-certain-value/td-p/759657>



 **CDL**  1 year, 3 months ago



1. Remove Column
 2. List.Select
 3. Text.EndsWith
- upvoted 141 times



  **Zakriya** 10 months, 2 weeks ago
True, The 3rd option should be Text.EndsWith
upvoted 10 times



  **Evert23** Highly Voted 1 year, 5 months ago
Each texts End With
upvoted 30 times



  **PrudenceK** Most Recent 3 days, 19 hours ago
I got it on my exam 03/01/2022
upvoted 1 times

  **fusioner** 1 month, 1 week ago
In Exam 19-01-2022.
upvoted 1 times



  **Shan** 2 months ago
on exam 30/12/21
upvoted 1 times



  **kwanalytics** 2 months, 1 week ago
On exam Dec 27, 2021
upvoted 1 times



  **MustPassDA100** 2 months, 1 week ago
on exam 12/25/2021
upvoted 1 times



  **smario** 2 months, 2 weeks ago
`#"removesources"=Table.RemoveColumns(Table1_Table,List.Select(Table.ColumnNames(Table1_Table),each Text.EndsWith(,"sourceid")))`



This is the right one ,have tested it,
Text.contains is removing all column that has name "sourceid" in it
upvoted 1 times



  **PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 1 times



  **olavrab8** 3 months ago
Last one should be "Text.EndsWith" Because the question asks for lines with suffix "source" to be removed.
upvoted 3 times

  **aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
score:911
my answers:
Table.RemoveColumns
list.Select
Text.EndsWith
Thanks ExamTopics
upvoted 3 times



  **kcwood94** 4 months, 3 weeks ago
On exam 10/14/21
upvoted 1 times



  **Diginomad** 4 months, 1 week ago
Same 25/10
upvoted 1 times

  **AshuX4232** 7 months, 1 week ago
texts EndWith ("source_id").
Tested in M Code
upvoted 3 times

  **shrikk** 7 months, 2 weeks ago
`#"removesources"=Table.RemoveColumns(Table1_Table,List.Select(Table.ColumnNames(Table1_Table),each Text.EndsWith(,"sourceid")))`

This is the right one ,have tested it,
Text.contains is removing all column that has name "sourceid" in it
upvoted 6 times

  **tramynt** 7 months, 1 week ago
exactly. List contains returns logical value. The best is list.select --> return a list
upvoted 1 times

  **San_hm** 7 months, 2 weeks ago
It's mentioned that it's only a sample of the column names so there could be other column names where "sourceid" appears in the middle or the beginning of the column name. In such cases, it shouldn't be removed as they've mentioned only those suffixed are to be removed. So, it's clear

that we must use Text.EndsWith and not contains
upvoted 5 times

  **JessieVuong** 8 months, 2 weeks ago

Syntax:

RemoveColumns (table as table, columns as any)

List.Contains(list as list, value as any)

table : rawData

column as any: List.Contains(Table.ColumnNames (rawData), each Text.EndsWith (_ "sourceid")) --> find a list of column name in rawData table, with the condition that the SUFFIX of column name is sourceid. NOTICE: Suffix, not Prefix.

upvoted 2 times

  **Cloudy_Dave** 9 months, 1 week ago

This was in the exam on 28th May

upvoted 5 times

DRAG DROP -

You are building a dataset from a JSON file that contains an array of documents.

You need to import attributes as columns from all the documents in the JSON file. The solution must ensure that date attributes can be used as date hierarchies in

Microsoft Power BI reports.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Answer Area

- Expand the columns.
- Expand the records.
- Add columns that use data type conversions.
- Set the data types.
- Convert the list to a table.



Correct Answer:

Actions	Answer Area
Expand the columns.	Expand the records.
Expand the records.	Add columns that use data type conversions.
Add columns that use data type conversions.	Convert the list to a table.
Set the data types.	
Convert the list to a table.	

Step 1: Expand the records.
 First Open Power BI desktop and navigate to Power Query, import the JSON file, then load the data, click on the record to expand it and to see the record and list.

Step 2: Add columns that use data type conversions.

Step 3: Convert the list to a table

AaronZ Highly Voted 1 year, 5 months ago

1. Convert list to Table
 2. Expand Column
 3. Set Date type
- upvoted 285 times

examprep_user 1 year, 4 months ago

```
let
Source = Json.Document(File.Contents("D:\Samples\Data\samplejson.json")),
#"Converted to Table" = Table.FromList(Source, Splitter.SplitByNothing(), null, null, ExtraValues.Error),
#"Expanded Column1" = Table.ExpandRecordColumn("#Converted to Table", "Column1", {"strdata", "numdata", "dt"}, {"Column1.strdata", "Column1.numdata", "Column1.dt"}),
#"Changed Type" = Table.TransformColumnTypes("#Expanded Column1",{{"Column1.numdata", Int64.Type}, {"Column1.dt", type date}})
in
#"Changed Type"
upvoted 29 times
```

BenAji 11 months, 4 weeks ago

Thanks to @examprep_user we can confirm that the right sequence is...

Table.FromList
 Table.ExpandRecordColumn
 Table.transformColumnType

upvoted 11 times

oneoneone 1 year, 3 months ago


<https://www.mssqltips.com/sqlservertip/4621/using-power-bi-with-json-data-sources-and-files/>


upvoted 7 times


Zakriya 10 months, 2 weeks ago


This is true answer
upvoted 5 times


 **DeathCaliberKnight** 11 months, 3 weeks ago
true guys this is the correct answer
upvoted 3 times

 **GovindRaj** 1 year, 3 months ago
<https://www.sqlshack.com/importing-data-from-json-files-and-power-bi-rest-apis-into-power-bi/#:~:text=To%20import%20JSON%20files%2C%20go,shown%20in%20the%20following%20screenshot.>
upvoted 5 times


 **kiranramasamy** Highly Voted 1 year, 4 months ago
1. Expand records
2. Convert list to a table
3. Expand Column
upvoted 13 times


 **Anju5050** Most Recent 1 week, 5 days ago
let
Source = Json.Document(File.Contents("C:\Users\rag\Desktop\data.json")),
Family = Source[Family],
#"Converted to Table" = Table.FromList(Family, Splitter.SplitByNothing(), null, null, ExtraValues.Error),
#"Expanded Column1" = Table.ExpandRecordColumn("#Converted to Table", "Column1", {"Father", "Age", "Mother", "MAge"}, {"Father", "Age", "Mother", "MAge"}),
#"Changed Type" = Table.TransformColumnTypes("#Expanded Column1",{{"Age", type number}, {"MAge", type number}})
in
#"Changed Type"
upvoted 1 times


 **Hsakho** 1 week, 5 days ago
The correct order for me is:
1. Convert list to Table
2. Expand Column
3. Set Date type
upvoted 1 times


 **Maggiee** 2 weeks ago
Converted to table
Expanded Column
Changed type


Tested
As you load JSON dataset in Power BI above steps are by default applied
upvoted 2 times


 **zakikiw** 1 month, 2 weeks ago
The correct sequence shall be
1. Convert list to Table
2. Expand Column
3. Set Date type
upvoted 2 times

 **Shan** 2 months ago
on exam 30/12/21
upvoted 1 times

 **ankurlian** 2 months, 1 week ago
Correct sequence should be
1. Convert list to Table
2. Expand Column
3. Set Date type
upvoted 1 times

 **haepoeg** 2 months, 2 weeks ago
1. convert the list to a table
2. expand columns
3. set the data types
upvoted 3 times

 **asia2301** 3 months, 3 weeks ago
1. Convert list to Table
2. Expand Column
3. Set Date type
IN THE EXAM 13/11/21
upvoted 5 times

 **Ihueghian** 4 months, 2 weeks ago
Had this in my exam today 16/10
upvoted 1 times

🗄️ 👤 **Nihar258255** 5 months, 4 weeks ago

The three steps that need to happen in order to transform a JSON file to a usable data are first convert the list to a table, second expand the columns, and third set the column data types

upvoted 1 times

🗄️ 👤 **liasolutionssas** 7 months, 1 week ago

1. Convert List to Table
2. Expand Column
3. Set Date Type

Well explained here:

<https://www.mssqltips.com/sqlservertip/4621/using-power-bi-with-json-data-sources-and-files/>

upvoted 5 times

🗄️ 👤 **Ashud1** 7 months, 2 weeks ago

1. Covert list to table
2. Expand List Colum/Expand Column
3. Expand Record Column/ Expand record
4. Change Column Type

upvoted 2 times

🗄️ 👤 **ade2ben** 7 months, 3 weeks ago

<https://www.sqlshack.com/importing-data-from-json-files-and-power-bi-rest-apis-into-power-bi/>

1. Convert list to Table
2. Expand Column
3. Set Date type

upvoted 3 times

🗄️ 👤 **dauidbeloved** 8 months, 2 weeks ago

The correct answer is

- 1) covert list to Table
- 2) expand rows/records
- 3) Set Date type

The best way to see this is when you import a JSON file, by default, power bi will outline the steps in the applied steps pane. You will not see anything like expand the column try it with this.

```
{
  "employee" :[
    {
      "name" : "emp1",
      "age" : 20,
      "date_naissance" : "11-09-1980"
    },
    {
      "name":"emp2",
      "age":18,
      "date_naissance" : "17-06-1980"
    }
  ]
}
```

upvoted 2 times

🗄️ 👤 **dauidbeloved** 8 months, 2 weeks ago

The correct answer is

- 1) covert list to Table
- 2) expand rows/records
- 3) Set Date type

The best way to see this is when you import a JSON file, by default, power bi will outline the steps in the applied steps pane. You will not see anything like expand the column

upvoted 4 times

You import two Microsoft Excel tables named Customer and Address into Power Query. Customer contains the following columns:

- ☞ Customer ID
- ☞ Customer Name
- ☞ Phone
- ☞ Email Address
- ☞ Address ID

Address contains the following columns:

- ☞ Address ID
- ☞ Address Line 1
- ☞ Address Line 2
- ☞ City
- ☞ State/Region
- ☞ Country
- ☞ Postal Code

The Customer ID and Address ID columns represent unique rows.

You need to create a query that has one row per customer. Each row must contain City, State/Region, and Country for each customer.

What should you do?

- A. Merge the Customer and Address tables.
- B. Transpose the Customer and Address tables.
- C. Group the Customer and Address tables by the Address ID column.
- D. Append the Customer and Address tables.

Correct Answer: A

There are two primary ways of combining queries: merging and appending.

- ☞ When you have one or more columns that you'd like to add to another query, you merge the queries.
- ☞ When you have additional rows of data that you'd like to add to an existing query, you append the query.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-shape-and-combine-data>

Community vote distribution

A (100%)

☞ **kiranramasamy** Highly Voted 1 year, 4 months ago

Answer is A

upvoted 87 times

☞ **JessieVuong** Highly Voted 8 months, 2 weeks ago

A is the correct answer

A. Merge function is to expand more columns horizontally.

B. Transpose function is to convert row to column, and column to become row.

C. Group by Address ID will help to count how many xxx (xxx is attribute that you choose) for one address ID

D Append function is to add more rows vertically.

upvoted 24 times

☞ **Sudhansu21** Most Recent 5 days ago

On Exam Feb, 2022

upvoted 1 times

☞ **Anju5050** 1 week, 5 days ago

Id contains unique value so you can use merge. In this case, both The Customer ID and Address ID columns represent unique rows.

If there is case multiple same ids then you can use Group By accordingly. For per customer and per region or state

upvoted 1 times

☞ **hoss29** 2 weeks, 5 days ago

A is the answer

upvoted 1 times

☞ **washy** 3 weeks, 4 days ago

A is correct

upvoted 1 times

☞ **battenarajesh** 1 month ago

Answer is A

upvoted 1 times

🗨️ 👤 **Shan** 2 months ago

on exam 30/12/21

upvoted 1 times

🗨️ 👤 **kblee** 2 months, 1 week ago

A is correct for columns horizontally, append is for rows vertically

upvoted 2 times

🗨️ 👤 **haepoeg** 2 months, 2 weeks ago

merge the tables

upvoted 2 times

🗨️ 👤 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

🗨️ 👤 **strikersree** 3 months ago

Selected Answer: A

You need to join both tables on Address ID. So it's Merge in Power BI. Hence A

upvoted 4 times

🗨️ 👤 **asia2301** 3 months, 3 weeks ago

A. 13-11-21

upvoted 2 times

🗨️ 👤 **dodis_13** 4 months, 1 week ago

in my test oct 2021

upvoted 1 times

🗨️ 👤 **Dipro_Rahman** 4 months, 2 weeks ago

Answer is A

upvoted 2 times

🗨️ 👤 **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.

upvoted 5 times

🗨️ 👤 **lhueghian** 4 months, 2 weeks ago

Had this in my exam today 16/10

upvoted 1 times

🗨️ 👤 **Sdub** 9 months ago

A is correct

upvoted 6 times

You have the following three versions of an Azure SQL database:

- ☞ Test
- ☞ Production
- ☞ Development

You have a dataset that uses the development database as a data source.

You need to configure the dataset so that you can easily change the data source between the development, test, and production database servers from powerbi.com.

Which should you do?

- A. Create a JSON file that contains the database server names. Import the JSON file to the dataset.
- B. Create a parameter and update the queries to use the parameter.
- C. Create a query for each database server and hide the development tables.
- D. Set the data source privacy level to Organizational and use the ReplaceValue Power Query M function.

Correct Answer: B

As you can't edit datasets data sources in Power BI service, we recommend using parameters to store connection details such as instance names and database names, instead of using a static connection string. This allows you to manage the connections through the Power BI service web portal, or using APIs, at a later stage.

Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/deployment-pipelines-best-practices>

Community vote distribution

B (100%)

☞ **Sunny93** Highly Voted 1 year, 5 months ago

Answer is B not D.

upvoted 156 times

☞ **Zakriya** 10 months, 2 weeks ago

Yes, B is correct answer

upvoted 14 times

☞ **Evert23** Highly Voted 1 year, 5 months ago

I think B.

Source: <https://radacad.com/change-the-source-of-power-bi-datasets-dynamically-using-power-query-parameters>

upvoted 32 times

☞ **mrsmjparkr** 1 year, 5 months ago

But this link talks about the data source.... not the environment. Dev, Test and Prod are environments.

upvoted 1 times

☞ **mrsmjparkr** 1 year, 5 months ago

sorry... my fault. I see exactly why you posted this link. Missed the Azure SQL database part. Sorry

upvoted 2 times

☞ **titi08** 1 year, 5 months ago

to change the environment of your data source you should use parameters : the answer is B

upvoted 5 times

☞ **PrudenceK** Most Recent 3 days, 19 hours ago

I got it on my exam 03/01/2022, answered 'parameter'

upvoted 1 times

☞ **c18** 2 weeks, 6 days ago

I recently took the exam and it is "Set the data source privacy level to Organizational and use the ReplaceValue Power Query M function."

upvoted 1 times

☞ **Pritam85** 1 month, 1 week ago

B is correct answer

upvoted 1 times

☞ **Shan** 2 months ago

on exam 30/12/21 parameter

upvoted 1 times

☞ **Marski** 2 months, 1 week ago

Where are MS docs links? Need official documents.

upvoted 1 times

🗨️ **kwanalytics** 2 months, 1 week ago

On exam Dec 27, 2021 - answer B

upvoted 1 times

🗨️ **DatBI** 2 months, 1 week ago

Selected Answer: B

The correct answer is B, as explained in the link

<https://docs.microsoft.com/en-us/power-bi/create-reports/deployment-pipelines-get-started#step-4---create-deployment-rules>

upvoted 1 times

🗨️ **kblee** 2 months, 1 week ago

Answer is B

upvoted 2 times

🗨️ **haepoeg** 2 months, 2 weeks ago

create a parameter

upvoted 1 times

🗨️ **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

🗨️ **strikersree** 3 months ago

Selected Answer: B

It's Parameters.

upvoted 2 times

🗨️ **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answer:

Create a parameter and update the queries to use the parameter.

upvoted 2 times

🗨️ **joy0523** 4 months ago

Had on exam 4th Nov 2021

upvoted 1 times

🗨️ **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 2 times

🗨️ **lhueghian** 4 months, 2 weeks ago

Had this in my exam today 16/10

upvoted 2 times

🗨️ **Diginomad** 4 months, 1 week ago

Same 25/10

upvoted 1 times

🗨️ **petey13** 6 months, 2 weeks ago

With privacy level settings, you can specify an isolation level that defines the degree that one data source must be isolated from other data sources.

An Organizational data source limits the visibility of a data source to a trusted group of people. An Organizational data source is isolated from all Public data sources, but is visible to other Organizational data sources.

Reference:

<https://docs.microsoft.com/en-us/power-bi/admin/desktop-privacy-levels>

upvoted 1 times

You have a CSV file that contains user complaints. The file contains a column named Logged. Logged contains the date and time each complaint occurred. The data in Logged is in the following format: 2018-12-31 at 08:59.

You need to be able to analyze the complaints by the logged date and use a built-in date hierarchy.

- A. Split the Logged column by using at as the delimiter.
- B. Apply a transformation to extract the last 11 characters of the Logged column and set the data type of the new column to Date.
- C. Apply a transformation to extract the last 11 characters of the Logged column.
- D. Apply the Parse function from the Date transformations options to the Logged column.

Correct Answer: A

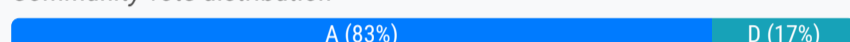
The column needs to be in Date format. We need to split the column to a date part and a time of day part.

In Power Query, you can split a column through different methods. In this case, the column(s) selected can be split by a delimiter.

Reference:

<https://docs.microsoft.com/en-us/power-query/split-columns-delimiter>

Community vote distribution



- 🗨️ **kcwood94** Highly Voted 4 months, 3 weeks ago
 On exam 10/14/21 but A wasn't an option - instead there was an option that had to do with transform column as an example which I think was correct
 upvoted 11 times
- 🗨️ **Meyti** 2 months, 2 weeks ago
 you right, option A is correct as well as you can transform columns (Extract columns/Table) Using Examples
 upvoted 2 times
- 🗨️ **Teddy_123** 3 months, 2 weeks ago
 If A is not the available option..should "B" be marked as the correct answer ?
 upvoted 1 times
- 🗨️ **BanderMansor** 2 months, 1 week ago
 No, definitely B is Incorrect anyway
 upvoted 1 times
- 🗨️ **Diginomad** 4 months, 1 week ago
 when with same in exam thanks to your direction 25/10
 upvoted 2 times
- 🗨️ **aguilartu1** Highly Voted 3 months, 3 weeks ago
 on exam - Nov 11, 2021.
 my answer:
 Create a new column that starts with 2018-12-31 and set the data type of the new column to Date
 upvoted 10 times
- 🗨️ **PrudenceK** Most Recent 3 days, 19 hours ago
 I got it on my exam 03/01/2022; answered 'Create a new column from an example that starts with 2018-12-31 and set the data type of the new column to Date'
 upvoted 1 times
- 🗨️ **JF5505** 2 weeks, 2 days ago
 There should be a space before the delimiter : " at"..."
 upvoted 1 times
- 🗨️ **yunyunqian** 2 weeks, 5 days ago
 last 11 characters means nothing -- it should be first 10 characters or last 9 characters
 upvoted 1 times
- 🗨️ **Capitano** 3 weeks ago
Selected Answer: A
 Only A and D seem correct. However, BD is out because of the "at" which would make the parse function fail. Therefore, correct answer is A.
 upvoted 1 times
- 🗨️ **Capitano** 3 weeks ago
 Typo: Only A and D seem correct. However, D is out because of the "at" which would make the parse function fail. Therefore, the correct answer is A.
 upvoted 1 times

🗄️ 👤 **fusioner** 1 month, 1 week ago

In Exam 19-01-2022 but the non of the options were there
upvoted 1 times

🗄️ 👤 **sowjs135** 2 months ago

This question appear in the exam!
upvoted 2 times

🗄️ 👤 **Marski** 2 months, 1 week ago

I think this is not such a ideal quaestion. For this type of Date data a FORMAT transformation is teached at: <https://www.youtube.com/watch?v=5X5LWcLtkzg>
upvoted 1 times

🗄️ 👤 **kwanalytics** 2 months, 1 week ago

On exam Dec 27, 2021 - answer A
upvoted 1 times

🗄️ 👤 **MustPassDA100** 2 months, 1 week ago

on exam 12/25/2021
upvoted 1 times

🗄️ 👤 **kblee** 2 months, 1 week ago

Selected Answer: A

you can separate the date and time based on custom separator "at"
upvoted 4 times

🗄️ 👤 **AmiraBedhiafi** 2 months, 3 weeks ago

You need to be able to analyze the complaints by the logged date and use a built-in date hierarchy.
The answer is A, when you will choose a custom separator "at" the first column with have the date with datatype date and the second added column with contain the time with datatype Time
upvoted 2 times

🗄️ 👤 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021
upvoted 2 times

🗄️ 👤 **dheaamaaa** 3 months ago

D i think??
upvoted 1 times

🗄️ 👤 **mrDavezy** 3 months, 1 week ago

Yea, A is correct.
upvoted 3 times

🗄️ 👤 **kimalto452** 3 months, 2 weeks ago

Selected Answer: D

D. .
upvoted 1 times

You have an Azure SQL database that contains sales transactions. The database is updated frequently. You need to generate reports from the data to detect fraudulent transactions. The data must be visible within five minutes of an update. How should you configure the data connection?

- A. Add a SQL statement.
- B. Set Data Connectivity mode to DirectQuery.
- C. Set the Command timeout in minutes setting.
- D. Set Data Connectivity mode to Import.

Correct Answer: B

With Power BI Desktop, when you connect to your data source, it's always possible to import a copy of the data into the Power BI Desktop. For some data sources, an alternative approach is available: connect directly to the data source using DirectQuery.

DirectQuery: No data is imported or copied into Power BI Desktop. For relational sources, the selected tables and columns appear in the Fields list. For multi-dimensional sources like SAP Business Warehouse, the dimensions and measures of the selected cube appear in the Fields list. As you create or interact with a visualization, Power BI Desktop queries the underlying data source, so you're always viewing current data.

Incorrect Answers:

D: Import: The selected tables and columns are imported into Power BI Desktop. As you create or interact with a visualization, Power BI Desktop uses the imported data. To see underlying data changes since the initial import or the most recent refresh, you must refresh the data, which imports the full dataset again.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-use-directquery>

Community vote distribution

B (100%)

 **RajGoy** Highly Voted 1 year, 4 months ago


Direct mode is best option here.

upvoted 80 times

 **marciomanini** 1 year, 4 months ago

Agreed

upvoted 1 times

 **vinothravi** Highly Voted 1 year, 4 months ago

B. Set Data Connectivity mode to DirectQuery.

upvoted 25 times

 **Bamo** 11 months ago

agreed

upvoted 3 times

 **battenarajesh** Most Recent 1 month ago

Direct Mode

upvoted 1 times

 **Pritam85** 1 month, 1 week ago

B is correct answer

upvoted 1 times

 **kwanalytics** 2 months, 1 week ago

On exam Dec 27, 2021 - answer B

upvoted 2 times

 **MustPassDA100** 2 months, 1 week ago

on exam 12/25/2021

upvoted 1 times

 **kblee** 2 months, 1 week ago

Answer is B for retrieve more recent data, import is for caching and performance

upvoted 1 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

 **kludio92** 3 months, 2 weeks ago

Selected Answer: B

B: Azure SQL database supports DirectQuery
upvoted 3 times

🗨️ **aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
my answer:
Set Data Connectivity mode to DirectQuery.
upvoted 3 times

🗨️ **kcwood94** 4 months, 3 weeks ago
On exam 10/14/21
upvoted 1 times

🗨️ **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 6 times

🗨️ **HaliBrickclay** 5 months ago
What is correct answer? that will be more helpful rather to know about you got this question in exam.
upvoted 3 times

🗨️ **JessieVuong** 8 months, 2 weeks ago
B is as obvious as" Earth is not flat".
upvoted 8 times

🗨️ **sundeep2021** 4 months ago
Haha..
upvoted 1 times

🗨️ **troydavidcook** 4 months, 4 weeks ago
The Earth's not WHAT now..?
upvoted 1 times

🗨️ **Cloudy_Dave** 9 months, 1 week ago
This was in the exam on 28th May
upvoted 6 times

🗨️ **Waltmas** 10 months, 1 week ago
Direct query mode is correct
upvoted 2 times

🗨️ **Mdve** 10 months, 1 week ago
B. Set Data Connectivity mode to DirectQuery
upvoted 2 times

🗨️ **saditya1** 11 months ago
Direct mode is the correct answer
upvoted 2 times

You have a data model that contains many complex DAX expressions. The expressions contain frequent references to the RELATED and RELATEDTABLE functions.

You need to recommend a solution to minimize the use of the RELATED and RELATEDTABLE functions.

What should you recommend?

- A. Split the model into multiple models.
- B. Hide unused columns in the model.
- C. Merge tables by using Power Query.
- D. Transpose the required columns.

Correct Answer: C

Combining data means connecting to two or more data sources, shaping them as needed, then consolidating them into a useful query.

When you have one or more columns that you'd like to add to another query, you merge the queries.

Note: The RELATEDTABLE function is a shortcut for CALCULATETABLE function with no logical expression.



CALCULATETABLE evaluates a table expression in a modified filter context and returns a table of values.




Reference:



<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-shape-and-combine-data>



  **dm7769420** Highly Voted  6 months ago



Yes, "C" is the correct answer.
upvoted 27 times



  **mirzotti** 2 months, 2 weeks ago
On exam 21-12-2021. I answered C
upvoted 1 times



  **Sudhansu21** Most Recent  5 days ago
On Exam Feb, 2022
upvoted 1 times

  **asia2301** 3 months, 3 weeks ago
EXAM 13-11-21. Answer C
upvoted 2 times

  **jobseeker** 4 months ago
c Merge tables by using Power Query
upvoted 1 times

  **lhueghian** 4 months, 2 weeks ago
Had this in my exam today 16/10
upvoted 3 times

  **JessieVuong** 4 months, 3 weeks ago
C. Merge tables by using Power Query.
upvoted 2 times

  **MihaiM** 5 months, 3 weeks ago
C is the right option
upvoted 2 times

You have a large dataset that contains more than 1 million rows. The table has a datetime column named Date. You need to reduce the size of the data model without losing access to any data.

What should you do?

- A. Round the hour of the Date column to startOfHour.
- B. Change the data type of the Date column to Text.
- C. Trim the Date column.
- D. Split the Date column into two columns, one that contains only the time and another that contains only the date.

Correct Answer: D

We have to separate date & time tables. Also, we don't need to put the time into the date table, because the time is repeated every day. Split your DateTime column into a separate date & time columns in fact table, so that you can join the date to the date table & the time to the time table. The time need to be converted to the nearest round minute or second so that every time in your data corresponds to a row in your time table.

Reference:

<https://intellipaat.com/community/6461/how-to-include-time-in-date-hierarchy-in-power-bi> <https://apexinsights.net/blog/top-5-tips-to-optimise-data-model>

Community vote distribution



- DeathCaliberKnight** Highly Voted 10 months ago
the answer is correct , its always better to separate date and time
upvoted 51 times
- ThaboS** Highly Voted 10 months, 1 week ago
D - Is the correct answer
upvoted 20 times
- battenarajesh** Most Recent 1 month ago
C is correct
upvoted 1 times
- Ajitk27** 1 month, 2 weeks ago
Yes, D seems to be the correct answer.
upvoted 1 times
- creditiridium** 2 months ago
Selected Answer: D
D is correct
upvoted 1 times
- kwanalytics** 2 months, 1 week ago
On exam Dec 27, 2021 - answer D
upvoted 1 times
- DatBI** 2 months, 1 week ago
Selected Answer: D
D is correct, the best practice is to split date and time to reduce size
upvoted 1 times
- PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 2 times
- mrdavezy** 3 months, 1 week ago
Certainly. D is the correct answer.
upvoted 1 times
- kcwood94** 4 months, 3 weeks ago
On exam 10/14/21
upvoted 3 times
- Diginomad** 4 months, 1 week ago
had this 25/10
upvoted 3 times

🗨️ **Vulkany** 6 months, 2 weeks ago

D - is the correct answer.

If you have a date time type column, probability you have much more unique values in each row, and consequently lower the compression capabilities of the engine.

upvoted 6 times

🗨️ **AshuX4232** 7 months, 1 week ago

Answer is D, its best practice to split datetime column to date and time to reduce the datamodel size and increase the performance

upvoted 3 times

🗨️ **cxGetter** 8 months, 1 week ago

D is correct!

upvoted 2 times

🗨️ **JessieVuong** 8 months, 2 weeks ago

D as suggestion by Microsoft

<https://docs.microsoft.com/en-us/learn/modules/get-data/8-performance-issues>

"Separate date and time, if bound together. If any of your tables have columns that combine date and time, make sure that you separate them into distinct columns before importing them into Power BI. This approach will increase compression abilities."

upvoted 9 times

🗨️ **mirzotti** 8 months, 2 weeks ago

How does splitting columns (answer D) solve the size reduction of the model?

upvoted 2 times

🗨️ **troydavidcook** 4 months, 4 weeks ago

This is my question. It makes sense, but the "reducing size bit" threw me.

upvoted 1 times

🗨️ **lhueghian** 8 months, 2 weeks ago

Once you split them, as well as the date column, Time dimension is the same principle as a Date dimension, except instead of a row for every day, you would have a row for every minute or every second. Now you can choose to not including the seconds since it greatly increases the number of rows you need - impacting performance. So, this reduce model size because we don't need to put the time into the date table, because the time is repeated every day. I hope it helps

upvoted 10 times

🗨️ **andreimw** 9 months, 2 weeks ago

<https://docs.microsoft.com/en-us/learn/modules/get-data/8-performance-issues>

bottom of the page

upvoted 5 times

🗨️ **durgesh_gk** 9 months, 3 weeks ago

correct

upvoted 1 times

DRAG DROP -

You are modeling data in a table named SalesDetail by using Microsoft Power BI.

You need to provide end users with access to the summary statistics about the SalesDetail data. The users require insights on the completeness of the data and the value distributions.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Create a blank query as a data source.

Create a parameter that uses a query for the suggested values.

Specify the following query, then close and apply.
-Table.Distinct(# "SalesDetail")

Create a visual on a report page using fields from the new table.

Create a query that uses Common Data Service as a data source.

Specify the following query, then close and apply.
-Table.Profile(# "SalesDetail")

Answer Area



Correct Answer:

Actions

Create a blank query as a data source.

Create a parameter that uses a query for the suggested values.

Specify the following query, then close and apply.
-Table.Distinct(# "SalesDetail")

Create a visual on a report page using fields from the new table.

Create a query that uses Common Data Service as a data source.

Specify the following query, then close and apply.
-Table.Profile(# "SalesDetail")

Answer Area

Create a blank query as a data source.

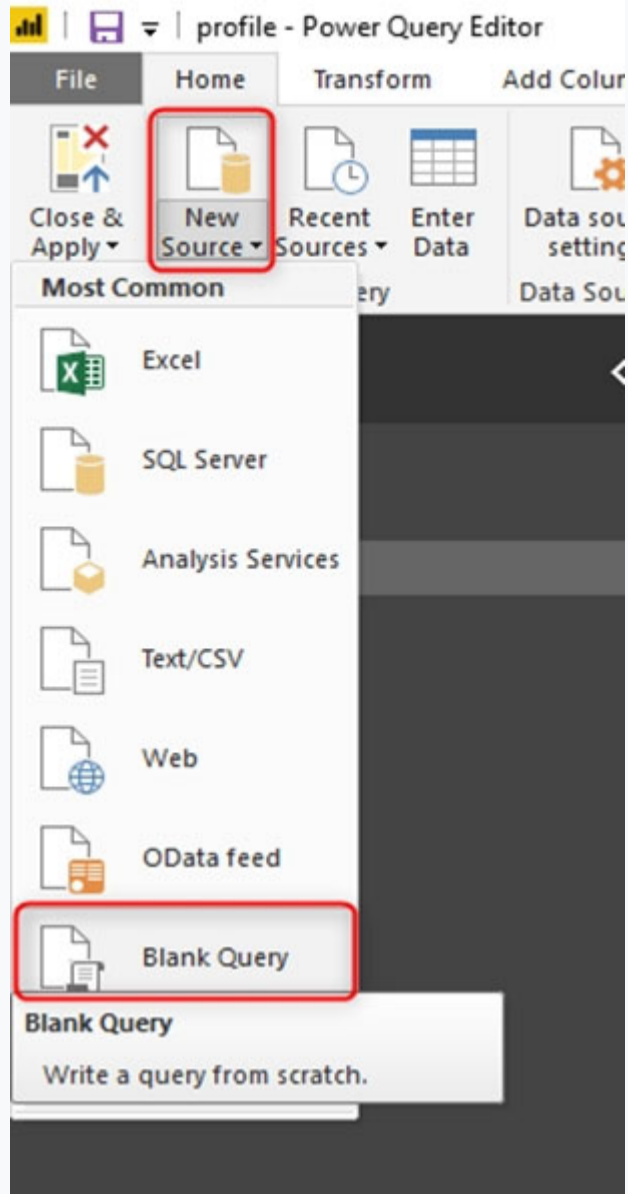
Specify the following query, then close and apply.
-Table.Profile(# "SalesDetail")

Create a visual on a report page using fields from the new table.



Step 1: Create a blank query as a data source

Start with a New Source in Power Query Editor, and then Blank Query.



Create a parameter that use a query for suggested values.

Step 2: Specify the following query, then close and apply. -Table.Profile(#"SalesDetail")

In the new blank query, in the formula bar (if you don't see the formula bar, check the formula bar option in the View tab of the Power Query Editor), type below expression:

=Table.Profile()

Note that this code is not complete yet, we need to provide a table as the input of this function.

Note: The Table.Profile() function takes a value of type table and returns a table that displays, for each column in the original table, the minimum, maximum, average, standard deviation, count of values, count of null values and count of distinct values.

Step 3: Create a visual for the query table.

The profiling data that you get from Table.Profile function is like below;



Column	Min	Max	Average	StandardDeviation	Count	NullCount	DistinctCount
1 ArabicDescription		null	null	null	606	210	null
2 ChineseDescription		null	null	null	606	210	null
3 Class	H	M		null	606	276	4
4 Color	Black	Yellow		null	606	0	10
5 DaysToManufacture	0		1.201520132	1.508893166	606	0	4
6 DealerPrice		null	null	null	606	211	null
7 EndDate		null	null	null	606	406	null
8 EnglishDescription		null	null	null	606	210	null
9 EnglishProductName	AWC Logo Cap	Women's Tights, S		null	606	0	504
10 FinishedGoodsFlag	FALSE	TRUE		null	606	0	2
11 FrenchDescription		null	null	null	606	210	null
12 FrenchProductName		Vélo de route 750 noir, 58		null	606	0	238
13 GermanDescription		null	null	null	606	210	null
14 HebrewDescription		null	null	null	606	210	null
15 JapaneseDescription		null	null	null	606	210	null
16 ListPrice		null	null	null	606	211	null
17 ModelName		null	null	null	606	209	null
18 ProductAlternateKey	AB-S381	WB-H098		null	606	0	504
19 ProductKey	2	606	303.5	179.0614006	606	0	606
20 ProductLine		null	null	null	606	226	null
21 ProductSubcategoryKey		null	null	null	606	209	null
22 ReorderPoint	3	750	372.4009901	279.0051857	606	0	6
23 SafetyStockLevel	4	1000	485.2013201	364.0071143	606	0	6
24 Size		null	null	null	606	307	null
25 SizeRange	38-40 CM	XL		null	606	0	11
26 SizeUnitMeasureCode		null	null	null	606	355	null
27 SpanishProductName		Soporte mullidos para bicicletas		null	606	0	238
28 StandardCost		null	null	null	606	211	null
29 StartDate	1/06/1998 12:00:00 AM	1/07/2007 12:00:00 AM	20/11/2002 5:49:18 AM		606	0	4
30 Status	Current	Current		null	606	200	2
31 Style		null	null	null	606	305	null
32 ThaiDescription		null	null	null	606	210	null
33 TurkishDescription		null	null	null	606	210	null
34 Weight	2	1050	56.11702128	158.0243589	606	324	43
35 WeightUnitMeasureCode	G	LB		null	606	324	3

After loading the data into Power BI, you'll have the table with all columns, and it can be used in any visuals.

Reference:

<https://radacad.com/create-a-profiling-report-in-power-bi-give-the-end-user-information-about-the-data>

upvoted 14 times

  **Thaodt** 2 months, 2 weeks ago

Hi,
Can you tell me the answer ?
Many thanks

upvoted 1 times

  **Sudhansu21** Most Recent 5 days ago



On Exam Feb, 2022

upvoted 1 times

  **96sudu** 1 month ago



Ans is correct

upvoted 1 times

  **buhari** 1 month, 1 week ago

Shouldn't the answer in sequence option be 3-5-4 instead as given option 1-6-4.
Can anybody please share thoughts.

upvoted 1 times

  **Marski** 1 month, 3 weeks ago

Where is MS docs reference and link ? Thanks.

upvoted 2 times

  **Marski** 2 months, 1 week ago



Where is MS docs reference? This should be here. Lets see:

upvoted 1 times

  **kwanalytics** 2 months, 1 week ago

On exam Dec 27, 2021 - same answer as provided

upvoted 1 times

  **kblee** 2 months, 1 week ago

Tested, answer is correct

upvoted 1 times

  **asia2301** 3 months, 3 weeks ago

Given answers are correct.13-11-21

upvoted 3 times

  **aguilartu1** 3 months, 3 weeks ago



on exam - Nov 11, 2021

upvoted 2 times

  **JessieVuong** 4 months, 3 weeks ago

The given answer is correct. The query of Table.Profile (tablename) has same result as Column Profile in View Tab. However, to show those infor (Min, Max, Count, Average...) for end user in report --> We should use query.

upvoted 2 times

  **nowwin** 5 months, 1 week ago

question in exam on 18th September

upvoted 3 times

  **datanerd99** 5 months, 2 weeks ago

correct answer - was on exam on 9/16

upvoted 4 times

  **lhueghian** 5 months, 3 weeks ago

Tested, given answers correct

upvoted 1 times

  **lhueghian** 4 months, 2 weeks ago

Had this in my exam today 16/10

upvoted 3 times

  **Diginomad** 4 months, 1 week ago

same here 25/10

upvoted 2 times

  **Hoanganh278** 5 months, 3 weeks ago

that's correct answer

upvoted 1 times

You create the following step by using Power Query Editor.

- Table.ReplaceValue(SalesLT_Address,"1318","1319",Replacer.ReplaceText,{"AddressLine1"})

A row has a value of 21318 Lasalle Street in the AddressLine1 column.

What will the value be when the step is applied?

- A. 1318
- B. 1319
- C. 21318 Lasalle Street
- D. 21319 Lasalle Street

Correct Answer: D

Example:

Replace the text "ur" with the text "or" in the table.

```
Table.ReplaceValue(
  Table.FromRecords({
    [a = 1, b = "hello"],
    [a = 3, b = "world"]
  }),
  "ur",
  "or",
  Replacer.ReplaceText,
  {"b"}
)
```

a	b
1	hello
3	world








praw709528

Reference:

<https://docs.microsoft.com/en-us/powerquery-m/table-replacevalue>

Community vote distribution

D (100%)

-  **stokazz** Highly Voted 11 months, 4 weeks ago
correct
upvoted 47 times
-  **Flava** Highly Voted 11 months, 4 weeks ago
Tested. 'D. 21319 Lasalle Street' is correct
upvoted 30 times
-  **PrudenceK** Most Recent 3 days, 19 hours ago
on exam 03/01/2022
upvoted 1 times
-  **SimonValedo** 1 month ago
Selected Answer: D
Tried it. On exam january 26th 2022
upvoted 1 times
-  **SimonValedo** 1 month ago
On exam january 26th 2022
upvoted 1 times
-  **kwanalytics** 2 months, 1 week ago
On exam Dec 27, 2021 - answer D
upvoted 1 times
-  **MustPassDA100** 2 months, 1 week ago
on exam 12/25/2021
upvoted 1 times

🗄️ 👤 **crux700** 2 months, 2 weeks ago

Selected Answer: D

D. 21319 Lasalle Street

upvoted 2 times

🗄️ 👤 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

🗄️ 👤 **Guincimund** 3 months, 2 weeks ago

Table.ReplaceValue(SalesLT_Address,"1318","1319",Replacer.ReplaceText,{"AddressLine1"})

As the last "Replacer.RelaceText" is "Text" and not "Value" it means that the type of the column is Text. This means that it changes the characters (of the string) and not the integers (as numbers).

upvoted 2 times

🗄️ 👤 **Anju5050** 1 week, 3 days ago

Thats Currect.. and Replacer.ReplaceText can replace part of the text as well and the other hand Replacer.ReplaceValue replace entire cell value.

upvoted 1 times

🗄️ 👤 **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

upvoted 3 times

🗄️ 👤 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 1 times

🗄️ 👤 **Diginomad** 4 months, 1 week ago

Same here 25/10

upvoted 2 times

🗄️ 👤 **JessieVuong** 4 months, 3 weeks ago

• D. 21319 Lasalle Street

upvoted 1 times

🗄️ 👤 **Stalin77** 6 months, 3 weeks ago

Tested Answer is correct.

upvoted 2 times

🗄️ 👤 **AshuX4232** 7 months, 1 week ago

Ans is correct, functionality is tested in M code

upvoted 1 times

🗄️ 👤 **MinhNT** 7 months, 4 weeks ago

Correct

upvoted 2 times

🗄️ 👤 **Hishams** 9 months, 1 week ago

correct

upvoted 2 times

You have a Microsoft Power BI report. The size of PBIX file is 550 MB. The report is accessed by using an App workspace in shared capacity of powerbi.com.

The report uses an imported dataset that contains one fact table. The fact table contains 12 million rows. The dataset is scheduled to refresh twice a day at 08:00 and 17:00.

The report is a single page that contains 15 AppSource visuals and 10 default visuals.

Users say that the report is slow to load the visuals when they access and interact with the report.

You need to recommend a solution to improve the performance of the report.

What should you recommend?

- A. Increase the number of times that the dataset is refreshed.
- B. Split the visuals onto multiple pages.
- C. Change the imported dataset to DirectQuery.
- D. Implement row-level security (RLS).

Correct Answer: C

DirectQuery: No data is imported or copied into Power BI Desktop.

Import: The selected tables and columns are imported into Power BI Desktop. As you create or interact with a visualization, Power BI Desktop uses the imported data.

Benefits of using DirectQuery -

There are a few benefits to using DirectQuery:

↻ DirectQuery lets you build visualizations over very large datasets, where it would otherwise be unfeasible to first import all the data with pre-aggregation.

↻ Underlying data changes can require a refresh of data. For some reports, the need to display current data can require large data transfers, making reimporting data unfeasible. By contrast, DirectQuery reports always use current data.

The 1-GB dataset limitation doesn't apply to DirectQuery.

Note:

There are several versions of this question in the exam. The question can have other incorrect answer options, include the following:

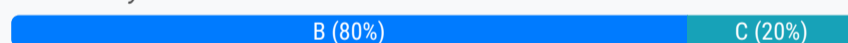
↻ Implement row-level security (RLS)

↻ Increase the number of times that the dataset is refreshed.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-use-directquery>

Community vote distribution



🗨️ **Koen123** Highly Voted 10 months, 1 week ago

The answer should in my opinion be B - split visuals over pages.

This will reduce the number of visuals to load per time ... hence increase performance.

upvoted 122 times

🗨️ **mirzotti** 2 months, 2 weeks ago

On exam 21-12-2021. The answer I chose is not on this list. I chose 'Edit interactions between visuals' because there are 25 visuals on a single report. However big or small the dataset is it will be SLOW. So the only way to make it work faster is to edit interactions between the visuals.

upvoted 11 times

🗨️ **kwanalytics** 2 months, 1 week ago

On exam Dec 27, 2021 - B was not an option. Same choice as mirzotti

upvoted 2 times

🗨️ **mirzotti** 2 months, 2 weeks ago

B was not an option on the exam.

upvoted 1 times

🗨️ **phoebe01** 1 month, 2 weeks ago



Limit visuals on report pages



The above principle applies equally to the number of visuals added to a report page. It's highly recommended you limit the number of visuals on a particular report page to only what is necessary. Drillthrough pages and report page tooltips are great ways to provide additional details without jamming more visuals onto the page.



upvoted 1 times



🗨️ **beny** 8 months, 4 weeks ago

Yes it's B. DirectQuery always lower the performance
upvoted 11 times



  **teaparty** 10 months, 1 week ago
I think so too!
upvoted 2 times



  **Watsky** Highly Voted 8 months, 2 weeks ago
The answer is definitely B. To start, there are 25 visuals of which 15 are custom so those visuals are not optimized like the default ones. Even if all 25 visuals were fast wouldn't change the fact that Direct Query cannot help when you have that many visuals on screen. Each visual will have at least one query sent back to the source. Break it up onto different pages will equal less visuals to render. There's no need to change from import unless the data needs to be closer to real-time or refreshes are failing.
upvoted 24 times



  **laurent1** Most Recent 1 week, 4 days ago
Selected Answer: C
moi e pense que c'est le c
upvoted 1 times



  **yunyunqian** 2 weeks, 5 days ago
There's a one-million-row limit for cloud sources (which is any data source that is not on-premises)
link: <https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-use-directquery#considerations-and-limitations>



the fact table has 12 million rows which exceeds limitation so option C won't work
upvoted 2 times



  **Kazisha** 3 weeks, 2 days ago
The answer should be B - split visuals over pages.
upvoted 3 times



  **96sudu** 1 month ago
Ans is B.
Direct query is the slowest option so it's not a solution
upvoted 2 times



  **battenarajesh** 1 month ago
B is correct
upvoted 1 times



  **DatBI** 2 months, 1 week ago
Selected Answer: B
The option to use direct query may not correct: <https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-directquery-about#implications-of-using-directquery>.
Instead, limiting the no of visuals on each report page may help: <https://maqsoftware.com/insights/power-bi-best-practices>
But I wonder how many visuals are recommended on a single page?
upvoted 4 times



  **Meyti** 2 months, 2 weeks ago
it seems that because of large volume dataset, the refresh process slowing down performance by having to load large amounts of data, in this situation PowerQuery is a good solution to solve data latency issues as well as performance issue.
upvoted 1 times



  **Tosin27** 3 months ago
Why not implement Row level security
You can make the user a Viewer hence giving them a read permission
With Row level security implemented this means that the user would only see the visualization that he/she requires.
Hence the visualization won't take time to load
upvoted 1 times

  **flynt** 2 months, 3 weeks ago
that is not what RLS is doing, please read again carefully the name of the featutr: ROW LEVEL SECURITY
upvoted 1 times

  **asia2301** 3 months, 3 weeks ago
B.13-11-21
upvoted 3 times

  **aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
upvoted 2 times

  **AlexLo** 3 months, 3 weeks ago
Exactly, B make sense. I agree with all the arguments mentioned here.
But unfortunately, it doesn't matter what we say. What matters is what MS set as correct answer in the exam.
The question is: Which is the correct answer for MS?
upvoted 4 times

  **KBI2M** 4 months, 4 weeks ago
Vote for B. No issue with dataset size justify directquery(5050MB < limit of 1gb which would demand GO for DirectQuery). Dataset is already refreshed and loaded onto memory so when users access they have issues with visuals NOT with data retrieval performance! Furthermore,

DirectQuery is recommended for fresh data retrieval, whereas InMemory datasets might be preferred for performance
upvoted 5 times

  **anonymous8521** 5 months ago

B is the correct answer, the visuals should split over multiple pages
upvoted 1 times

  **Srinivaasa** 6 months, 2 weeks ago

Answer is B
upvoted 2 times

  **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.
upvoted 4 times

You create a dashboard by using the Microsoft Power BI Service. The dashboard contains a card visual that shows total sales from the current year.

You grant users access to the dashboard by using the Viewer role on the workspace.

A user wants to receive daily notifications of the number shown on the card visual.

You need to automate the notifications.

What should you do?

- A. Create a data alert.
- B. Share the dashboard to the user.
- C. Create a subscription.
- D. Tag the user in a comment.

Correct Answer: C

You can subscribe yourself and your colleagues to the report pages, dashboards, and paginated reports that matter most to you. Power BI e-mail subscriptions allow you to:

↻ Decide how often you want to receive the emails: daily, weekly, hourly, monthly, or once a day after the initial data refresh.

↻ Choose the time you want to receive the email, if you choose daily, weekly, hourly, or monthly.

Note: Email subscriptions don't support most custom visuals. The one exception is those custom visuals that have been certified.

Email subscriptions don't support R-powered custom visuals at this time.

Incorrect Answers:

A: Set data alerts to notify you when data in your dashboards changes beyond limits you set.

Reference:

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-report-subscribe> <https://docs.microsoft.com/en-us/power-bi/create-reports/service-set-data-alerts>

 **PortlandFighters** Highly Voted 8 months, 3 weeks ago

The correct answer is C. Create a subscription. The requirement is to receive daily notifications of the number shown on the card visual. By using subscription, it can send an email with an image of the report which contains the number shown on the card visual.

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-report-subscribe>

For data alerts, although it can also send an notification daily, it will only send the notification unless the threshold hit. Well, you may use a very tricky way to set a threshold of > 0 to force it to send alert. However, the notification sent by data alert contains only the change in text but the requirement is notifications with number shown on the card visual, which is the dashboard itself. So, C. Create a subscription. is the correct answer.

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-set-data-alerts>

upvoted 65 times

 **DatBI** 2 months, 1 week ago

Thanks for detailed explanation.

upvoted 1 times

 **JessieVuong** 4 months, 3 weeks ago

Totally agree with you.

Subscription will send notification to client on a daily basis, regardless of how data changed.

Data Alert only sends notification when data reaches the threshold that we set.

upvoted 3 times

 **Andyjazz** 8 months, 1 week ago

Thanks for the explanation

upvoted 1 times

 **Jem12124321423** Highly Voted 1 year, 2 months ago

Seems correct

upvoted 65 times

 **PrudenceK** Most Recent 3 days, 19 hours ago

On exam 03/01/2022

upvoted 1 times

 **Treffic** 1 month, 2 weeks ago

It should be a data alert. For a dashboard there is no preview in the e-mail

upvoted 1 times

 **kwanalytics** 2 months, 1 week ago

On exam Dec 27, 2021 - answered C. subscription

upvoted 1 times

🗨️ **haepoeg** 2 months, 2 weeks ago
Answer is subscription (because of daily notifications)
upvoted 1 times

🗨️ **Big_Chief** 2 months, 2 weeks ago
C is ~~100~~ correct
upvoted 2 times

🗨️ **asia2301** 3 months, 3 weeks ago
A. 13-11-21
upvoted 2 times

🗨️ **aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
upvoted 2 times

🗨️ **Farid99** 3 months, 3 weeks ago
You guy lucky that you faced same questions on Exam. Hope to find the same or similar questions on my exam date, Nov 21, 2021
upvoted 2 times

🗨️ **Imad19** 3 months, 1 week ago
Did u get the certif
upvoted 2 times

🗨️ **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 2 times

🗨️ **moon1990** 8 months, 1 week ago
Admin would have to create a subscription for someone with viewer-level access.
upvoted 1 times

🗨️ **yasijey** 8 months, 4 weeks ago
A. data alert is correct, subscription only done with report page or dashboard not in a single visual or tile. if the customer ask for a value of single visual or tile, only alerts can be set.
upvoted 6 times

🗨️ **eurekamike** 7 months, 1 week ago
It doesn't ask for only the visual. It asks to be able to see the number on the visual, which you can see in either a dashboard or the report.

Subscription is correct here since it supports both dashboard and report notifications.
Also with alert, if nothing changes you won't get a notification. They want a notification regardless if the number changes or not.
upvoted 2 times

🗨️ **Amsterliese** 1 month, 3 weeks ago
But you don't get the number shown (as requested) when you subscribe to a dashboard (report does have that option). You could use a workaround and put an alert with a number/threshold that would ALWAYS give an alert and set the alert frequency on daily. Having said that, my guess is still that MS expects "subscription" as the correct answer... (since the alert option is not meant to be used this way)
upvoted 1 times

🗨️ **Cloudy_Dave** 9 months, 1 week ago
This was in the exam on 28th May
upvoted 3 times

🗨️ **PenniWize** 9 months, 1 week ago
Subscription makes sense to me
upvoted 2 times

🗨️ **chet202** 9 months, 1 week ago
The answer is C
upvoted 3 times

🗨️ **prabhjot** 9 months, 1 week ago
Ans (create a Subscription) is correct and this can be only done at Dashboard level and not at Report level
upvoted 1 times

🗨️ **bhaskar123** 9 months, 1 week ago
Report level also we can subscribe
upvoted 1 times

🗨️ **enzo84** 9 months, 3 weeks ago
Data alert is for informing in case of changes
upvoted 3 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.

During the development process, you need to import a sample of the data from the Order table.

Solution: From Power Query Editor, you import the table and then add a filter step to the query.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

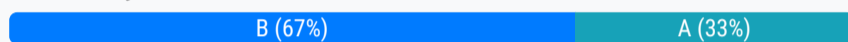
The filter is applied after the data is imported.

Instead add a WHERE clause to the SQL statement.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-gateway-sql-tutorial>

Community vote distribution



SPG Highly Voted 1 year, 1 month ago

I think it's A because of query folding: the source is SQL Server, so with all steps applied a query will be generated and passed to the server (including the filter), so the result would be the same than including the WHERE clause in the query

upvoted 68 times

kalyhot 1 year ago

Agree with A. In this case the source is Sql server.

Tested. if you "Right Click" on the filter step, and you see "view Native Query", and when you see the code:

```
select [].[NOM],
[].[PRENOM],
[].[age]
from [dbo].[employee] as [ ]
where [].[NOM] = 'toto ' and [].[NOM] is not null
-----
```

the filter is added in the Native Query ==> so it will work ==> A

upvoted 12 times

eurekamike 7 months, 1 week ago

Correct. The main source of confusion is that it says import THEN filter.

The import part refers to the first step in the query which is specifying the source. It's talking about retrieving the data and importing it into the query mashup engine, not power BI. Import means Select. Very poor choice of words on their part.

Then we add the filter function as another step.

Since filter is supported by query folding, the query engine transforms the query steps into a single query.

Then it loads the data into PBI.

Key thing to look for is that it asks you to put the filter in the same query that is importing (AKA Selecting) the data.

upvoted 6 times

eurekamike 7 months, 1 week ago

By the way this results in the same result as the other version of this question asking if adding a where clause to the SQL statement works. It does, query folding produces the same SQL statement.

upvoted 3 times

KmBhuvi 8 months, 2 weeks ago

check the solution which is provided here and you will come to know why 'B' is correct

upvoted 4 times

MayurD Highly Voted 11 months ago

The answer is B.

Reason: The solution mentions "you import the table AND THEN add a filter". When you import the table, it imports all data not the sample of data.

upvoted 48 times

pedrohap 8 months, 1 week ago

But when you import the table, it is still possible for the query folding to happen. Therefore, the query sent to the database will contain the WHERE statement, bringing the filtered data instead of the full table


upvoted 9 times

 **teeman001** Most Recent 1 month, 2 weeks ago

Selected Answer: A

Data is only loaded PBI desktop after you close and apply; hence filter can still be applied in query editor before close and apply and still meet the goal

upvoted 3 times

 **DatBI** 2 months, 1 week ago

Selected Answer: B

I agreed with given answer B. As the data source is a relational SQL. So using WHERE clause is efficient rather than import All, and add filter as a later step.

upvoted 6 times

 **Mani640** 4 months ago

Is there any Clear winner?

upvoted 11 times

 **Subhasis_BI_Professional** 4 months, 1 week ago

Correct - A

The following transformations, when applied in Power Query, can be “translated” to a single SQL statement:

Removing columns

Renaming columns

Filtering rows, with static values or Power Query parameters, as they are treated as WHERE clause predicates in SQL

Grouping and summarizing, which have equivalent in SQL'S Group by clause

Merging of foldable queries based on the same source – as this operation can be translated to JOIN in SQL. When I said, merging of foldable queries – that means it will work if you are joining two SQL server tables, but it will not work if you are trying to join SQL table and Excel file

Appending foldable queries based on the same source – this transformation relates to the UNION ALL operator in SQL

Adding custom columns with simple logic. What does simple logic mean? Using M functions that have equivalents in SQL language, for example, mathematical functions, or text manipulation functions

Pivot and Unpivot transformations

upvoted 3 times

 **Subhasis_BI_Professional** 4 months, 1 week ago

Correct - A

The following transformations, when applied in Power Query, can be “translated” to a single SQL statement:

Removing columns

Renaming columns

Filtering rows, with static values or Power Query parameters, as they are treated as WHERE clause predicates in SQL

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Adding custom columns with simple logic. What does simple logic mean? Using M functions that have equivalents in SQL language, for example, mathematical functions, or text manipulation functions

Pivot and Unpivot transformations

upvoted 2 times

 **cufta05** 4 months, 2 weeks ago

It should be B

upvoted 2 times

 **Pravindark** 4 months, 2 weeks ago

Answer is A, please read what is query Folding in Power query.

if you think a addition of where clause will work best, then you need to know, that, that has been automatically added in this case as it SQL DB. and it supports query folding,

do this transformation, and check the actual native query sent to the db, you will see where clause is already there,

upvoted 2 times

 **Pravindark** 4 months, 2 weeks ago

Power query is smart, dont think that unless you will not manually write, where clause, it will first import and then will apply,

FYI it will only send 1 query to db for both the steps, which automatically includes where clause. dont be confused on step by step. in this particular case

upvoted 1 times

 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 2 times

 **Kallandor** 2 months, 1 week ago

So, what did u choose? Did u make any score at it?

upvoted 1 times

 **NewbieWill** 5 months ago

I think it is A

I tested on a MS SQL table,

let

Source = SaleInitial,

```
#"Removed Other Columns" = Table.SelectColumns(Source,{"City Key", "Customer Key", "Bill To Customer Key", "Stock Item Key", "Invoice Date Key", "Delivery Date Key", "Salesperson Key", "WWI Invoice ID", "Quantity", "Unit Price", "Tax Rate", "Total Excluding Tax", "Tax Amount", "Profit", "Total Including Tax"}),  
#"Filtered Rows" = Table.SelectRows(#"Removed Other Columns", each [City Key] = 48409)  
in  
#"Filtered Rows"
```

I still can view the native query.

upvoted 1 times

  **zuorr** 5 months, 2 weeks ago

Ok.


Here is a FULL REASON why B is correct after You read much of this and still are wondering.

A is partially correct but. At the very first time when You decide not to use an SQL Statement immediatly, a full import is done once. You don't need to wait for it to end, instead You can filter and the full import is cancelled so the filtered "folded" import is started.

So A is "eventually" correct too yet it does make a full import attempt once at the time of development.

If You decide to put the SQL statement in the Connect window, the full import isn't even attempted.

upvoted 5 times

  **sak1794** 6 months, 1 week ago

Its B, as it clearly says "IMPORT SAMPLE OF DATA". Importing the table would import the entire data. Hence, adding the where clause before importing would work in this scenario

upvoted 8 times

  **liasolutionssas** 7 months, 1 week ago


And also is B because the stated solution proposes to import ALL the data first, but the question says that only A SAMPLE of the data is needed DURING THE DEVELOPMENT, and that means we need to use SQL code to retrieve the data. That being said, a proper WHERE clause will get the needed sample BEFORE IMPORTING the data to PowerBI.

upvoted 3 times

  **liasolutionssas** 7 months, 1 week ago

Solution is B. Key statement is "you need to import A SAMPLE of the data". If the import process is triggered first, ALL the data will be imported, and we only need A SAMPLE.

upvoted 1 times

  **bunilggg** 7 months, 3 weeks ago

I think it is B. the key message is: you need to import a sample of the data from the Order table. it is not import all and then get a sample.

Also, I dont import 100 million to PQ if i just want to get a sample.

upvoted 2 times

  **berserkguts** 8 months ago

i tested this on my local

I have a SQL SERVER 2019 engine with a DB table of 3.8M records, I connected to it from the POWERBI desktop app then immediately did a "filtered rows" from POWER QUERY EDITOR on the primary key

I looked at the "native query" here is the actual query

```
select [].[ID],  
[].[<some field>]  
from [<schema>].[<table>] as [ ]  
where [].[ID] <= 851751
```

now if you try to do this on a DIRECTQUERY, POWERBI will inform you that YOU CANNOT and will switch to import mode

SO, the answer is A, because of QUERY FOLDING

upvoted 8 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.

During the development process, you need to import a sample of the data from the Order table.

Solution: You add a WHERE clause to the SQL statement.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A

The WHERE clause has its effects before the data is imported.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-gateway-sql-tutorial>

  **chaki** Highly Voted 1 year, 1 month ago

Yes, correct answer



upvoted 72 times

  **priyaraja** Highly Voted 11 months ago

tested it ,

WHERE works , so YES is the correct answer

upvoted 14 times

  **kcwood94** Most Recent 4 months, 3 weeks ago

On exam 10/14/21

upvoted 4 times

  **Diginomad** 4 months, 1 week ago

got this today 25/10

upvoted 2 times

  **ezinap** 5 months, 3 weeks ago

Question, where in Power Bi can you edit SQL statements?

upvoted 3 times

  **mbilal079** 6 months, 3 weeks ago

seems correct

upvoted 3 times

  **yusufuthman57** 6 months, 1 week ago

This is correct!

Where Clause Filters the table as required before import.

upvoted 2 times

  **elly** 9 months ago

Which is correct A or B? I think adding the WHERE clause to the SQL statement is correct.

upvoted 3 times

  **fhqfhqh** 9 months, 2 weeks ago

This question was in the exam.

upvoted 2 times

  **DeathCaliberKnight** 11 months, 3 weeks ago

B is the correct answer

upvoted 4 times

  **gcsilva83** 1 year ago

B, query folding and view native query. If it was with MySQL, WHERE is the best option, but once the DB is SQL, so you should use power query to filter the query. But only for transformation that exists in PQ and SQL.

upvoted 1 times

  **mynameistaken** 10 months, 3 weeks ago

I don't think so. First of all, they want to import from Microsoft SQL Server, which is relational database using SQL, "WHERE" is completely fine (given the fact you have your indices). Second, import all data and do filters in Power BI will also cause performance problems if the dataset is too big.

upvoted 8 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source. You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition. Solution: In the Power Query M code, you replace references to the Excel file with DataSourceExcel. Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

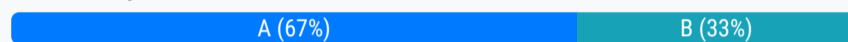
Instead modify the source step of the queries to use DataSourceExcel as the file path.

Note: Parameterising a Data Source could be used in many different use cases. From connecting to different data sources defined in Query Parameters to load different combinations of columns.

Reference:

<https://www.biinsight.com/power-bi-desktop-query-parameters-part-1/>

Community vote distribution



AzureRookie Highly Voted 1 year, 2 months ago

I think it is yes.

<https://wkrzywiec.medium.com/passing-source-folder-path-as-parameter-to-query-code-in-power-query-19ec60797d94>

upvoted 65 times

mirzotti 2 months, 2 weeks ago

On exam 21-12-2021. I answered NO.

upvoted 1 times

cortado 2 months, 1 week ago

Was your answer correct?

upvoted 4 times

cufta05 4 months, 2 weeks ago

You are correct

upvoted 1 times

harshada009 9 months ago

what is the correct answer?

upvoted 3 times

puttybi 1 year, 1 month ago

I think it is B. The question states that you have created parameters already, so the solution in B would apply better even though your reference would work too.

upvoted 9 times

Iroshan 10 months, 3 weeks ago

Answer A: Yes.

You can edit the M code very easily to add the parameter as the file name.

Can be done.

upvoted 5 times

Iroshan 10 months, 3 weeks ago

<https://community.powerbi.com/t5/Desktop/Passing-parameters-as-a-data-source-path-to-other-table/td-p/1047983>

upvoted 3 times

eurekamike 7 months, 1 week ago

The question says we are replacing the hardcoded file references with the parameter. I don't believe you read the question correctly. Both options work, so either way it is still A.

upvoted 3 times

manlynn 10 months, 2 weeks ago

See the reference:

<https://sqlskull.com/2020/10/23/change-the-data-source-dynamically-in-power-bi-using-parameters/>

upvoted 3 times

nemanjaandic Highly Voted 1 year ago

Correct answer should be B)

If you have 10 queries, each of them pointing to the same Excel file on local drive. If you need to change Excel file location using M code, you need to go to advanced editor for each query and hard-code location of new Excel file. And you need to repeat it each time you change the data source.

On the other hand, if you create just 1 parameter and use this parameter name instead of hard-code Excel location in each query, once you change parameter value (only on one place), it updates automatically all 10 queries. So you will have to change reference from hard-coded value to parameter on each query, but you do this only once, after that you change only parameter value on 1 place.

upvoted 22 times

  **nemanjaandic** 12 months ago

As there are 3 questions in this scenario, if only one should be correct then correct is the one where you change data source within step in power query.

Here is the tricky part of this question: "Solution: In the Power Query M code, you replace references to the Excel file with DataSourceExcel."

Power Query M code = singular

ReferenceS = plural

There should be only ONE reference to the file source within M code.

And you can't change references of all queries within only one Power Query M code. You need to enter each one and edit it.

upvoted 2 times

  **federico_mgm** 5 months ago

But the solution proposes to USE the parameter. It says to add it in M code and not in the graphical interface, but the result should be the same, it does not say "hard-code location of new Excel file"

upvoted 1 times

  **Vulkany** 6 months, 2 weeks ago

I agree with your opinion.

upvoted 1 times

  **manlynn** 10 months, 2 weeks ago

But the question is asking if this action meets the goal, not if this is the best solution.

upvoted 18 times

  **Sudhansu21** Most Recent 5 days ago

On Exam Feb, 2022

upvoted 1 times

  **teeman001** 1 month, 1 week ago

Selected Answer: B

If you need to change Excel file location using M code, you need to go to advanced editor for each query and hard-code location of new Excel file

upvoted 1 times

  **phoebe01** 1 month, 2 weeks ago

the description of answer supports A option

upvoted 1 times

  **phoebe01** 1 month, 2 weeks ago

A is correct.

upvoted 1 times

  **Treffic** 1 month, 2 weeks ago

you replace references to the excel file with DataSourceExcel in the Power Query M code, so it should be option A

upvoted 1 times

  **walkerzjs** 2 months, 2 weeks ago


'Instead modify the source step of the queries to use DataSourceExcel as the file path.' & 'In the Power Query M code, you replace references to the Excel file with DataSourceExcel.' Why do I feel they are the same meaning, essentially?

upvoted 1 times

  **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

  **Tina377** 2 months, 3 weeks ago

Tested. A is correct

upvoted 1 times

  **medsimus** 3 months ago

Selected Answer: A

Tested

upvoted 2 times

  **asia2301** 3 months, 3 weeks ago

Yes.13-11-21

upvoted 1 times

  **asia2301** 3 months, 3 weeks ago

Yes. 13-11-21

upvoted 1 times

  **Merinder** 3 months, 3 weeks ago

Definitely A, I tried it.

M code that Power Query generates:



```
= Excel.Workbook(File.Contents("D:\Sample.xlsx"), null, true)
```

M code after replacing with the variable DataSourceExcel = "D:\Sample.xlsx":

```
= Excel.Workbook(File.Contents(DataSourceExcel), null, true)
```

Works.

upvoted 5 times

  **Kenrich** 3 months, 4 weeks ago

I think the answer is correct - B.No

Reason: Even tho the solution work too, but it does not meet the "goals"

To fully meet the goals, it shouldn't be "multiple hard-coded copies" or similar, which in a way, this solution again need to do multiple times in each Power Query M code

while using Parameterising a Data Source will completely solve this issues.

upvoted 3 times

  **Subhasis_BI_Professional** 4 months, 1 week ago

Correct - A

"DataSourceExcel" parameter is already created and user is trying to change hardcoded data source reference to that parameter name.

upvoted 1 times

  **troydavidcook** 4 months, 3 weeks ago

This question is confusing - It says "You need to ""UPDATE THE Queries" Then you update the M code, correct? Obviously not, the way they're asking. In the next question they ask the same question - you need to "UPDATE THE QUERIES" - You updated the queries, correct? Very strange

upvoted 1 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source. You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition. Solution: You modify the source step of the queries to use DataSourceExcel as the file path.

Does this meet the goal?













- A. Yes
- B. No

Correct Answer: A

Parameterising a Data Source could be used in many different use cases. From connecting to different data sources defined in Query Parameters to load different combinations of columns.

Reference:

<https://www.biinsight.com/power-bi-desktop-query-parameters-part-1/>

-  **AzureRookie** Highly Voted 1 year, 2 months ago
yes, correct
upvoted 33 times
-  **mirzotti** 2 months, 2 weeks ago
On exam 21-12-2021. I answered YES
upvoted 1 times
-  **Tarek007** Highly Voted 1 year, 1 month ago
the answer is yes
https://www.youtube.com/watch?v=ppM-mLckQfs&ab_channel=Curbal
upvoted 9 times
-  **jason69** 7 months, 3 weeks ago
True. The video also mentions that editing via the "Advanced Editor" (see question 20) also works, but is more error prone. Both solutions Q20 and Q21 work, but the solution proposed in Q21 is better practice.
upvoted 3 times
-  **Sudhansu21** Most Recent 5 days ago
On Exam Feb, 2022
upvoted 1 times
-  **Prat12** 1 month, 1 week ago
Correct
upvoted 2 times
-  **Marski** 2 months, 1 week ago
MS Docs reference should be the #1 reference displayed. Thank you.
upvoted 1 times
-  **PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 2 times
-  **asia2301** 3 months, 3 weeks ago
Yes.13-11-21
upvoted 2 times
-  **bunilggg** 7 months, 3 weeks ago
what does the "you replace references to the Excel file with DataSourceExcel" mean?
upvoted 2 times
-  **Knoushore1** 6 months ago
Its parameter name--DataSourceExcel
upvoted 1 times
-  **test_member** 10 months, 3 weeks ago
it's true
upvoted 5 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source. You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition. Solution: You create a new query that references DataSourceExcel. Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

Instead modify the source step of the queries to use DataSourceExcel as the file path.












Note: Parameterising a Data Source could be used in many different use cases. From connecting to different data sources defined in Query Parameters to load different combinations of columns.

Reference:

<https://www.biinsight.com/power-bi-desktop-query-parameters-part-1/>

Community vote distribution

B (100%)

-  **Kentsegee** Highly Voted 1 year ago
The question says "you need to update the query" so creating a new query is not correct. The answer is NO
upvoted 46 times
-  **mirzotti** 2 months, 2 weeks ago
On exam 21-12-2021. I answered NO
upvoted 3 times
-  **MachineGunSquirrel** Highly Voted 9 months, 3 weeks ago
"You need to update the query..."
"Solution: You create a new query..."
facepalm
Didn't know reading comprehension was going to be on my PowerBI test.
upvoted 20 times
-  **Sudhansu21** Most Recent 5 days ago
On Exam Feb, 2022
upvoted 1 times
-  **altAzhar17** 1 month ago
Selected Answer: B
I think the answer is NO
upvoted 3 times
-  **Prat12** 1 month, 1 week ago
Since working on the same query, Managing Parameters will not work.
upvoted 1 times
-  **PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 2 times
-  **asia2301** 3 months, 3 weeks ago
No. 13-11-21
upvoted 2 times
-  **MinhNT** 7 months, 3 weeks ago
NO. Because the question already mentioned "need to update the query"
upvoted 1 times
-  **elly** 11 months, 2 weeks ago
The answer is NO.
upvoted 2 times
-  **jerry1** 1 year, 1 month ago
can anyone further explain the answer? i dont know what's different in the answers between this and the previous question, thanks (as i think this answer is just a very high level way of describing the solution which looks similar to the previous answer)

upvoted 3 times

  **mynameistaken** 10 months, 4 weeks ago



I think it's because the previous solution was: "update the source" instead of the current solution - "create a new query". If you already has a path to load your data, you will have to modify the source path to the new parameter created and not create a new query.

upvoted 7 times

  **Tiago10** 1 year, 1 month ago

correct answer!

upvoted 3 times

  **chaki** 1 year, 1 month ago



correct answer?

upvoted 1 times

  **Jem12124321423** 1 year, 2 months ago

Does this answer assume you dont delete the old one or am i dumb?

upvoted 2 times

  **fe** 1 year, 1 month ago

"You need to update the query..."

upvoted 1 times

Question #22

Topic 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.

During the development process, you need to import a sample of the data from the Order table.

Solution: You add a report-level filter that filters based on the order date.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

The filter is applied after the data is imported.

Instead add a WHERE clause to the SQL statement.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-gateway-sql-tutorial>

  **mainezes** Highly Voted 11 months, 3 weeks ago

Answer B is correct. When you apply the filter, the data is already imported.

upvoted 50 times

  **elly** Highly Voted 11 months, 2 weeks ago

Agreed - answer B is correct. The filter is applied after the data is imported.

upvoted 11 times

  **liasolutionssas** Most Recent 7 months, 1 week ago

Correct. The question is not about FILTERING datasources already imported. It's about IMPORTING them.

upvoted 4 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.

During the development process, you need to import a sample of the data from the Order table.

Solution: You write a DAX expression that uses the FILTER function.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

The filter is applied after the data is imported.

Instead add a WHERE clause to the SQL statement.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-gateway-sql-tutorial>

Community vote distribution

B (100%)

- 🗨️ **mainezes** Highly Voted 11 months, 4 weeks ago
B is correct. If you're using DAX, you've already imported the data.
upvoted 47 times
- 🗨️ **elly** Highly Voted 11 months, 2 weeks ago
Answer B 100% correct.
upvoted 7 times
- 🗨️ **Abood110** Most Recent 2 months ago
Selected Answer: B
100% correct
upvoted 3 times
- 🗨️ **liasolutionssas** 7 months, 1 week ago
Correct. The question is not about FILTERING datasources. It's about IMPORTING them first.
upvoted 4 times
- 🗨️ **Lynlyn21** 8 months, 3 weeks ago
B is correct
upvoted 3 times
- 🗨️ **fhqfhqh** 9 months, 2 weeks ago
This question was in the exam.
upvoted 6 times

You have a Power BI dashboard that monitors the quality of manufacturing processes. The dashboard contains the following elements:

A line chart that shows the number of defective products manufactured by day.

▪

↻ A KPI visual that shows the current daily percentage of defective products manufactured.

You need to be notified when the daily percentage of defective products manufactured exceeds 3%.

What should you create?

- A. a Q&A visual
- B. a subscription
- C. a smart narrative visual
- D. an alert

Correct Answer: D

Reference:

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-alerts>

Community vote distribution



☒ **DeathCaliberKnight** **Highly Voted** 10 months, 1 week ago

is D correct

upvoted 47 times

☒ **naidu21** 9 months, 4 weeks ago

Yes it is correct

upvoted 7 times

☒ **Ashud1** **Highly Voted** 7 months, 1 week ago

in Order to Get get Email we have 2 options - Subscription -alert.

Subscription will help when we need data irrespective of event

Alert will help when we need to be notified if the value is going beyond certain value

Hence Answer Is D

upvoted 13 times

☒ **wilberlinhares** **Most Recent** 2 weeks, 3 days ago

Selected Answer: D

D is correct

upvoted 1 times

☒ **Martiallessramsss** 1 month ago

Réponse D

upvoted 1 times

☒ **Marski** 2 months, 1 week ago

MS Docs: "Warning

These alerts provide information about your data. If you view your Power BI data on a mobile device and that device gets stolen, we recommend using the Power BI service to turn off all alerts."

upvoted 1 times

☒ **kwanalytics** 2 months, 1 week ago

On exam Dec 27, 2021 - answered D. alert

upvoted 1 times

☒ **DatBI** 2 months, 1 week ago

Selected Answer: D

Create an alert is correct; when the value exceeds a pre-define threshold.

upvoted 1 times

☒ **kblee** 2 months, 1 week ago

D is correct, alert use for threshold

upvoted 1 times

☒ **BanderMansor** 2 months, 1 week ago

D is correct



upvoted 1 times

☒ **strikersree** 3 months ago

Selected Answer: D

Create Alert. Answer D

upvoted 3 times

  **toaldoe** 3 months, 2 weeks ago

D is correct

upvoted 1 times

  **asia2301** 3 months, 3 weeks ago

D.13-11-21

upvoted 2 times

  **francis6170** 6 months, 3 weeks ago



Got this in the exam - Aug 15, 2021.

upvoted 4 times

  **liasolutionssas** 7 months, 1 week ago



Correct. An alert is set up to trigger when a specific event occurs.

upvoted 1 times

  **MinhNT** 7 months, 4 weeks ago

D is correct. An alert when it excess the allowed percentage.

upvoted 3 times

  **PowerGuy1** 9 months, 3 weeks ago

set an alert

upvoted 3 times

  **kolen** 9 months, 3 weeks ago

Correct Answer

upvoted 3 times

DRAG DROP -

You are preparing a financial report in Power BI.

You connect to the data stored in a Microsoft Excel spreadsheet by using Power Query Editor as shown in the following exhibit.

	Column1	1.2 Column2	1.2 Column3	1.2 Column4	1.2 Column5	1.2 Column6
1	Measure	2016	2017	2018	2019	2020
2	Revenue	0.5	0.6	0.55	0.61	0.42
3	Overheads	0.11	0.330410907	0.167055779	0.360178153	0.183179995
4	Cost of Goods	0.204388253	0.165848321	0.25	0.17	0.109073918

You need to prepare the data to support the following:

- ☞ Visualizations that include all measures in the data over time
- ☞ Year-over-year calculations for all the measures

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Answer Area

- Rename the Attribute column as Year
- Rename the Measure column as Year
- Use the first row as headers
- Use headers as the first row
- Unpivot all the columns other than Measure
- Transpose the table
- Change the data type of the Year column to Date



Correct Answer:

Actions

Answer Area

- Rename the Attribute column as Year
-
- Use the first row as headers
- Use headers as the first row
-
-
-

- Transpose the table
- Unpivot all the columns other than Measure
- Rename the Measure column as Year
- Change the data type of the Year column to Date



Reference:

<https://support.microsoft.com/en-us/office/unpivot-columns-power-query-0f7bad4b-9ea1-49c1-9d95-f588221c7098>

DKojen Highly Voted 10 months, 1 week ago

1. Use the first row as headers
2. Unpivot all the columns other than Measure
3. Change the column attribute to year
4. Change the datatype of year to date

upvoted 235 times

🗨️ **ronbal2023** 19 hours, 53 minutes ago
This is correct and I have tried it. Thanks
upvoted 1 times

🗨️ **cufta05** 4 months, 2 weeks ago
It should be:
1. Use the first row as headers
2. Unpivot all the columns other than Measure
3. Rename the Attribute column as Year
4. Change the datatype of the year column to date
upvoted 18 times

🗨️ **mirzotti** 2 months, 2 weeks ago
On exam 21-12-2021
upvoted 5 times

🗨️ **Ashley090521** 2 months, 3 weeks ago
because requires all measures in the data over time
upvoted 1 times

🗨️ **Crim** Highly Voted 👍 10 months, 1 week ago
I just did the test.
Answer is :
1 - Transposse
2- first row as header
3- rename Measure to Date
4- Change the datatype of year to date
upvoted 106 times

🗨️ **Mia29** 8 months, 4 weeks ago
disagree with this solution. Because your solution will keep the table in matrix same as in the question. Ans is First row as header --> Unpivot other columns rather than measure --> rename attribute to year --> change datatype of Year to Date.
upvoted 7 times

🗨️ **Nurgul** 1 month ago
I've tested this. it's correct. Using this table we can calculate year-over-year change of all measures.
upvoted 1 times

🗨️ **BanderMansor** 2 months, 1 week ago
Wrong !

The correct answer is :

1. Use the first row as headers
2. Unpivot all the columns other than Measure
3. Change the column attribute to year
4. Change the datatype of year to date
upvoted 2 times

🗨️ **Jennydodo** 8 months, 2 weeks ago
Not correct, this will require extra after 3, as the data type of Year is 'Any' after transpose, if you change to date directly, it will become 1905.
so you need to change the year to Text, then step 4
upvoted 17 times

🗨️ **CYDRIC_AL** 4 months ago
correct. Jennydodo.
upvoted 3 times

🗨️ **Advanced_Analytics** Most Recent 🔔 4 days, 8 hours ago
On Exam 28/02/2022
upvoted 1 times

🗨️ **Sudhansu21** 5 days ago
On Exam Feb, 2022
upvoted 1 times

🗨️ **123CCM** 2 weeks, 3 days ago
1. Use the first row as headers
2. Unpivot all the columns other than Measure
3. Change the column attribute to year
4. Change the datatype of year to date
tested this is the correct answer
upvoted 3 times

🗨️ **Imranceb** 1 month ago
Correct Answer:(Tested):
1. Use the first row as headers
2.Unpivot all the columns other than measure
3.Rename the Attribute column to Year
4. Change the data type of Year column to date

upvoted 1 times

🗨️ **96sudu** 1 month ago

We need a visual which will have all the measures. So all the measures when kept as separate columns will not work. It has to be in the long format with cols appearing one below the other. So ans is

1. Use the first row as headers
2. Unpivot all the columns other than Measure
3. Rename the Attribute column as Year
4. Change the datatype of the year column to date

upvoted 1 times

🗨️ **ssicefox** 1 month, 4 weeks ago

Transpose the table

Use first row as headers

Unpivot all the columns other than Measure

Rename the Measure column as Year

upvoted 2 times

🗨️ **Marski** 2 months ago

I think the answer is like SnaP891111 below argued:

1. Transpose table
2. Use first row as headers
3. Rename Measure column as Year
4. Set datatype on Year column

used below support to review

<https://docs.microsoft.com/en-us/power-query/transpose-table>

as opposed to

<https://docs.microsoft.com/en-us/power-query/unpivot-column>

upvoted 2 times

🗨️ **Amsterliese** 2 months, 2 weeks ago

Not in the answer option but I would do:

1. Use first row as headers
2. Unpivot all the other columns other than Measure
3. Pivot the Measure column (values in "Value" column)
4. Rename the Attribute column as Year
5. Change the data type of the Year column to Date

I just cannot figure out a convenient solution with the given answers.

upvoted 3 times

🗨️ **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 2 times

🗨️ **pistache01** 3 months ago

I tried both solutions :

1. Use the first row as headers
2. Unpivot all the columns other than Measure
3. Change the column attribute to year
4. Change the datatype of year to date

And :

- 1 - Transpose
- 2- first row as header
- 3- rename Measure to Date
- 4- Change the datatype of year to date

In the second solution you need to change the type to text before changing to date. Both solutions work for visualizations, however with the second one you have to add manually all the measures and yoy calculations for each attribute. With the first solution it's easier and faster to create the visualizations so the answer is the first solution.

upvoted 4 times

🗨️ **mrdavezy** 3 months, 1 week ago

Think the answer is wrong. Just tried it. You need to use the first row as headers first before you unpivot all the columns other than the measure. Else the unpivoting won't give you the right result

upvoted 1 times

🗨️ **Guincimund** 3 months, 1 week ago

Wrong answer is 1. transpose. 2. first row as header. 3. rename measure column, 4 change datatype to date.

When you do this you end up with a date time changing days from 08-07-1905 to 12-07-1905 instead of years 01-01-2016-01-01-2020. This is because of the transpose.

The correct answer is therefore:

1. Use first row as header.
2. unpivot all the columns other then measure.
3. rename attribute to Year.
4. change datatype of year column to date.



This answer will give you 3 cols. one with measures where you have 4x. revenue, overheads and cost. and date column with 01-01-2016 going to 01-01-2020 and the last column as values.

upvoted 3 times

🗨️ **toaldoe** 3 months, 2 weeks ago

1. Use the first row as headers
2. Unpivot all the columns other than Measure
3. Rename Measure column as Year
4. Change the datatype of year to date

upvoted 2 times

  **toaldoe** 3 months, 2 weeks ago

Please disregard. below is my final answer:

1. Use the first row as headers
2. Unpivot all the columns other than Measure
3. Change the column attribute to year
4. Change the datatype of year to date

upvoted 2 times

  **Rupangi** 3 months, 3 weeks ago

I tried it my self in Query editor and trust me below steps are the right answers:

1. Use the first row as headers
2. Unpivot all the columns other than Measure
3. Change the column attribute to year
4. Change the datatype of year to date

upvoted 2 times

  **SnaP891111** 4 months ago

I think the answer is:

1. Transpose table
2. Use first row as headers
3. Rename Measure column as Year
4. Set datatype on Year column

used below support to review

<https://docs.microsoft.com/en-us/power-query/transpose-table>

as opposed to



<https://docs.microsoft.com/en-us/power-query/unpivot-column>

upvoted 5 times

  **Googlegen** 2 months, 2 weeks ago

<https://docs.microsoft.com/en-us/power-query/transpose-table>

upvoted 1 times

  **SnaP891111** 4 months ago

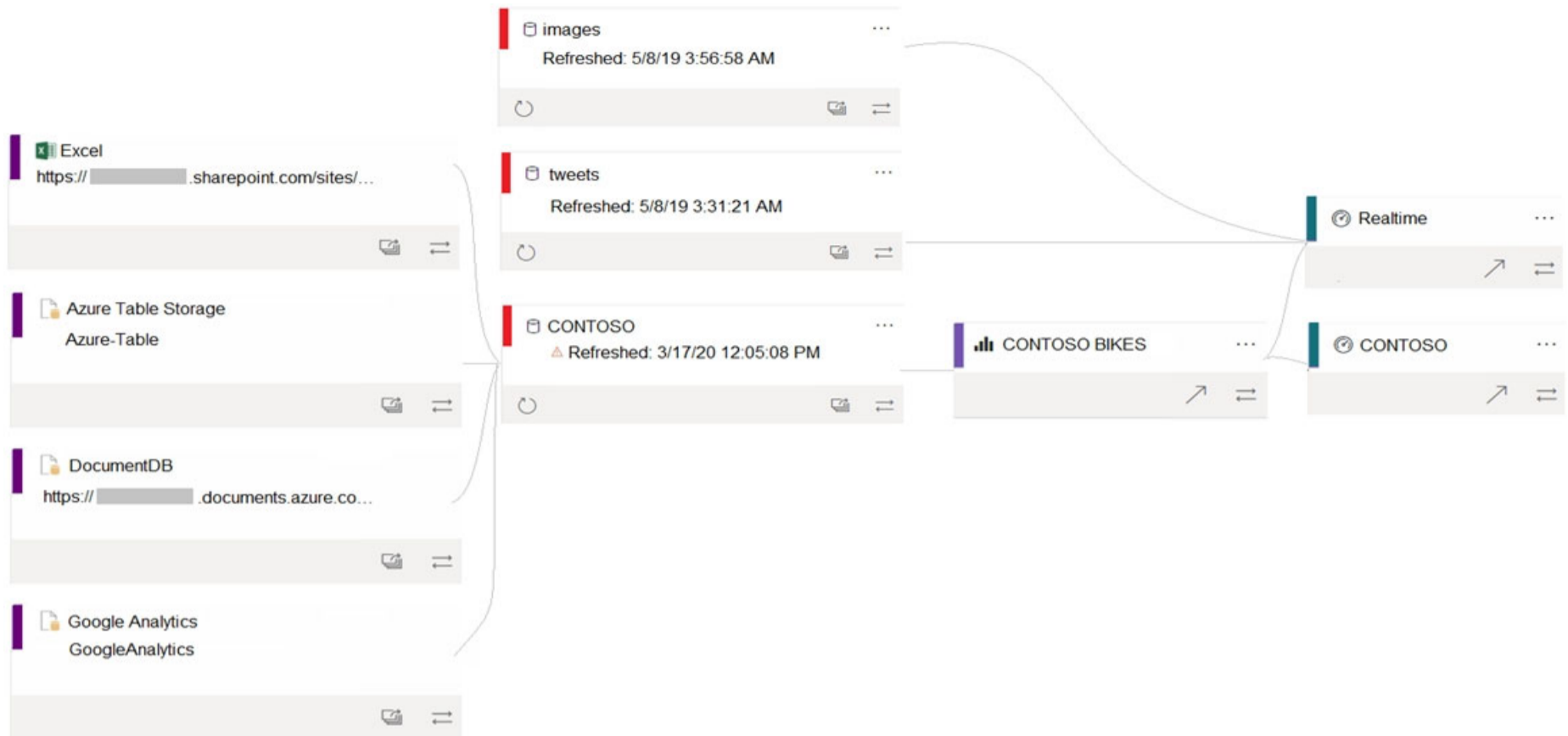
Disregard, correct answer is the one from DKojen

Tested both scenarios, transpose option creates the date values as 1905 as stated in above comments.

upvoted 2 times

HOTSPOT -

You have the data lineage shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

The CONTOSO dataset is consumed directly by the

- CONTOSO BIKES report
- CONTOSO dashboard
- Realtime dashboard

The Realtime dashboard depends on

- one dataset
- two datasets
- three datasets
- four datasets

Answer Area

The CONTOSO dataset is consumed directly by the

- CONTOSO BIKES report
- CONTOSO dashboard
- Realtime dashboard

Correct Answer:

The Realtime dashboard depends on

- one dataset
- two datasets
- three datasets
- four datasets

Box 1: CONTOSO BIKES report -



Box 2: three datasets -

Images, tweets and the Contoso datasets.



DaveLaff Highly Voted 6 months, 1 week ago
 Correct: CONTOSO BIKES Report; three datasets
 upvoted 36 times



DatBI 2 months, 1 week ago
 Agreed. Quite straightforward.



upvoted 2 times



  **BanderMansor** Most Recent 1 month, 4 weeks ago
thank you so much guys
very amazing website and thank you examtopic team for this great efforts
upvoted 4 times



  **Marski** 2 months ago
Focus on the lines leading from stage A to stage B., B-C and so forth.
MS Docs reference?
upvoted 1 times



  **dodis_13** 4 months, 1 week ago
in my test oct 2021
upvoted 3 times

  **Hoanganh278** 4 months, 4 weeks ago
ghjkl;
upvoted 1 times

  **Dizzystar** 6 months ago
Why three datasets? Does the Power BI report count as well?
upvoted 3 times

  **kelvintoys93** 5 months, 3 weeks ago
Yes, its three. Power BI report is not a dataset but it's dependant on one dataset.
upvoted 2 times

  **noorul99** 6 months ago
agree with the given responses, nice to see an updated question
upvoted 3 times

  **TejasMehta** 6 months, 1 week ago
Answer is Correct
upvoted 3 times

You are reviewing a query that produces 10,000 rows in the Power Query Editor.

You need to identify whether a column contains only unique values.

Which two Data Preview options can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Column profile
- B. Column distribution
- C. Show whitespace
- D. Column quality
- E. Monospaced

Correct Answer: AB

B: Column distribution: This feature provides a set of visuals underneath the names of the columns that showcase the frequency and distribution of the values in each of the columns. The data in these visualizations is sorted in descending order from the value with the highest frequency.

By hovering over the distribution data in any of the columns, you get information about the overall data in the column (with distinct count and unique values).

A: Column profile: This feature provides a more in-depth look at the data in a column [compared to column distribution]. Apart from the column distribution chart, it contains a column statistics chart.

Incorrect Answers:

D: Column quality -

The column quality feature labels values in rows in three categories:

↻ Valid, shown in green

Error, shown in red -

▪

↻ Empty, shown in dark grey

Reference:

<https://docs.microsoft.com/en-us/power-query/data-profiling-tools>

Community vote distribution

AB (100%)

🗨️ **Akshay0105** Highly Voted 5 months ago

A, B is correct I think
upvoted 18 times

🗨️ **HelenKim** Highly Voted 6 months ago

I think answer options should include step "Check Column profiling based on entire data set" for the over 1000- row data set.
upvoted 11 times

🗨️ **Severina** 3 months ago

cc. Profilage des colonnes ,on l'active ou svp
?
upvoted 2 times

🗨️ **sanddycool** 5 months, 1 week ago

agree , by default only first 1000 rows are included in column profiling
upvoted 2 times

🗨️ **AshayS** Most Recent 1 week ago

I think this is correct, because the question says "Data Preview Options". Data preview is seen only in Column Profile and Unique or Distinct detail data is shown in Column Distribution.
Where as Column quality says metadata, i.e if its blank, error, whitespace etc..
upvoted 1 times

🗨️ **SimonValedo** 1 month ago

Selected Answer: AB

On exam january 26th 2022
upvoted 3 times


🗨️ **DatBI** 2 months, 1 week ago

Selected Answer: AB

Should choose A & B:



Refer: <https://powerbidocs.com/2021/03/02/column-quality-column-distribution-column-profile/>

upvoted 2 times

  **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 2 times

  **NicJac** 3 months, 3 weeks ago

I was confused why Profile would be of use. Profiling will show the count of each distinct value but also if distinct values should be combined. E.g. in one of the Power BI labs, profiling the data showed distinct values "Warehouse" and "Ware House" which needed to be combined into one distinct value rather than two.

upvoted 2 times

  **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 3 times

  **lhueghian** 4 months, 2 weeks ago

Had this in my exam today 16/10

upvoted 3 times

  **noorul99** 6 months ago

correct, column distribution will tell you how many distinct and how many unique values in a column, column profile will show you this in the column statistics section

upvoted 3 times

  **DaveLaff** 6 months ago

Yes, Answer: A, B

--Column distribution shows you the distribution of the data within the column and the counts of distinct and unique values, both of which can tell you details about the data counts.

--Column profile tells you the counts for each distinct value in that specific column.

upvoted 6 times

HOTSPOT -

You have two Azure SQL databases that contain the same tables and columns.

For each database, you create a query that retrieves data from a table named Customer.

You need to determine the Customer tables into a single table. The solution must minimize the size of the data model and support scheduled refresh in powerbi.com.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Option to use to combine the Customer tables:

▼
Append Queries.
Append Queries as New.
Merge Queries.
Merge Queries as New.

Action to perform on the original two SQL database queries:

▼
Delete the queries.
Disable including the query in report refresh.
Disable loading the query to the data model.
Duplicate the queries.

Answer Area

Correct Answer:

Option to use to combine the Customer tables:

▼
Append Queries.
Append Queries as New.
Merge Queries.
Merge Queries as New.

Action to perform on the original two SQL database queries:

▼
Delete the queries.
Disable including the query in report refresh.
Disable loading the query to the data model.
Duplicate the queries.

Box 1: Append Queries as New.

There are two primary ways of combining queries: merging and appending.

☞ When you have one or more columns that you'd like to add to another query, you merge the queries.

☞ When you have additional rows of data that you'd like to add to an existing query, you append the query.

Box 2: Disable loading the query to the data model

For every query that loads into model memory will be consumed. and Memory is our asset in the Model, less memory consumption leads to better performance in most of the cases. The best approach is to disable loading.

Reference:

<https://docs.microsoft.com/en-us/power-query/append-queries>

marydp Highly Voted 6 months ago

Why not just Append Queries? It is necessary to append Queries "As New"?
upvoted 15 times

John_Samwani 6 days, 23 hours ago

Because you need to meet the condition "support scheduled refresh in powerbi.com." We need both queries to remain after you append them.
upvoted 1 times

mirzotti 2 months, 2 weeks ago

On exam 21-12-2021. I answered 'Append Queries' and 'Disable loading'.
It is necessary otherwise you cannot answer the second option correctly.
upvoted 6 times

hanchihl 3 months, 3 weeks ago

In the next require, we have to use 2 single queries before so the answer "As New" is correct
upvoted 3 times

  **HaliBrickclay** 5 months ago

"Customer tables into a single table" it could happen in case of "Append Queries As New" only
upvoted 5 times

  **Bagoo** Highly Voted 6 months ago

For more information, you can't delete two original queries because the new one references from them
upvoted 12 times

  **Sudhansu21** Most Recent 5 days ago



On Exam Feb, 2022
upvoted 1 times

  **hoss29** 2 weeks, 4 days ago

Why can't we opt for Delete the Queries ?
upvoted 1 times

  **Parmi** 2 months ago

As it is mentioned that The solution must minimize the size of the data model, we need to disable to loading the original queries and load only 'Append Queries as New'
Hence "Append Queries as New" and "Disable loading the query to the data model"
upvoted 5 times

  **Meyti** 2 months, 1 week ago

We want to disable the loading of the original queries to gain better performance, so we must first make a copy of the appended version of them and then disable them to load, then "Append Queries as New" and "disable Load" are correct answers.
upvoted 2 times

  **nowwin** 5 months, 1 week ago

question in exam on 18th September
upvoted 7 times

  **lhueghian** 4 months, 2 weeks ago

Had this in my exam today 16/10
upvoted 2 times

  **djmenon21** 5 months, 1 week ago

what did you choose as the answer there? A or B for the first one?
upvoted 3 times

  **lhueghian** 4 months, 2 weeks ago



Append as new queries and disable loading to data model
upvoted 3 times

  **Sekhmet** 5 months, 2 weeks ago

I tested it and the Append queries as new produces a larger data file. So I guess for the sake of size, we must choose append queries.
upvoted 2 times

  **Sekhmet** 5 months, 2 weeks ago

But when disabling the load of first 2 queries the file size is even smaller than before... So the answer is correct : Append queries as new + Disable loading the two sql queries to the data model
upvoted 7 times

  **gaugar** 5 months, 3 weeks ago

The wording here seems incorrect, "same" table means for me that have the same data, but by how the question is asked you understand that it is not the case. And the first answer seems to imply that there is not duplicate between the two tables, but there is no way to know it with the information we have.
upvoted 3 times

  **Boualida100** 6 months, 1 week ago

answers are correct
upvoted 4 times

HOTSPOT -

You have a folder of monthly transaction extracts.

You plan to create a report to analyze the transaction data.

You receive the following email message: `Hi, I've put 24 files of monthly transaction data onto the shared drive. File Transactions201801.csv through

Transaction201812.csv have four columns while files Transactions201901.csv through Transaction201912.csv have the same four columns plus an additional three columns. Each file contains 10 to 50 transactions.`

You get data from the folder and select Combine & Load. The Combine Files dialog box is shown in the exhibit. (Click the Exhibit tab.)

Combine Files

Specify the settings for each file. [Learn more.](#)

Sample File:

First file

File Origin:

1252: Western European (Windows)

Delimiter

Comma

Data Type Detection

Based on entire dataset

ID	Date	CustomerID	Amount
1	01/01/2018 08:00:00	5	28.99
2	01/01/2018 18:00:00	10	31.88
3	02/01/2018 08:00:00	15	22.99
4	02/01/2018 18:00:00	25	14.25
5	03/01/2018 08:00:00	35	85
6	03/01/2018 18:00:00	45	47.74
7	04/01/2018 08:00:00	55	76.66
8	04/01/2018 18:00:00	51	99.99
9	05/01/2018 08:00:00	52	10.99
10	05/01/2018 08:00:00	58	85

Skip files with errors

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
The resulting query will contain all the columns from the 2018 transactions.	<input type="radio"/>	<input type="radio"/>
The resulting query will contain all the columns from the 2019 transactions.	<input type="radio"/>	<input type="radio"/>
Setting Data Type Detection to Based on first 200 rows will improve import times.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Statements	Yes	No
The resulting query will contain all the columns from the 2018 transactions.	<input checked="" type="radio"/>	<input type="radio"/>
The resulting query will contain all the columns from the 2019 transactions.	<input checked="" type="radio"/>	<input type="radio"/>
Setting Data Type Detection to Based on first 200 rows will improve import times.	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: Yes -

The four columns used in the 2018 transactions are already displayed.

Box 2: Yes -

The columns used are based on the entire dataset. The additional columns in the 2019 files will be detected.

Box 3: Yes -

Note: Under the hoods, Power BI will automatically detect which delimiter to use, and may even promote the first row as headers. You can manually change the delimiter, or define how Power BI should handle data types. You can set it to automatically detect data types based on first 200 rows, or the entire dataset or you can even opt out the detection of data types.

🗨️ 👤 **TejasMehta** Highly Voted 6 months, 1 week ago

Answer is Yes, No, No.

Yes - 2018 transaction file is being used as the sample for get data from folder. So, the import columns will follow the layout in 2018 transaction files.

No - 2019 transaction file has extra field but get data from folder used 2018 transaction file layout to import. So, the extra field in 2019 transaction file will not be imported.

No - Each file contains just only 10 - 50 rows. So, the option of based on first 200 rows will not improve import times.

upvoted 92 times

🗨️ 👤 **mirzotti** 2 months, 3 weeks ago

Yes

Yes

No

Combine files is the same as Append queries. What Append does is placing files under each other. If it finds the same column names in different files in the process it will store the data under the same column name and if not, it will keep on adding columns to the right. The position of the columns is (if I remember correctly) not important. So the first two statements should be a YES. The last statement is a NO. Based on first 200 rows works faster just for preview puposes to pick a data type instead loading the whole dataset. For data processing in Query Editor it does not make a difference.

upvoted 6 times

🗨️ 👤 **ParkwaySnowboard** 1 month, 2 weeks ago

There are different ways of combining files and the results are different.

If you do the way indicated in the questions, the 2nd answer should be NO.

The way to reproduce is go Home -> Get data -> More -> Folder -> Connect -> choose the file folder -> Combine & Load -> choose the 2018 file as the First file -> This is what showed in the question -> Click OK see the result.

Yes,

No,

No

upvoted 3 times

🗨️ 👤 **BanderMansor** 1 month, 4 weeks ago

completely agree

upvoted 1 times

🗨️ 👤 **Googlegen** 2 months, 2 weeks ago

Tested 2nd Question using sample data which has additional columns and it didn't include additional columns into the query.

3rd Question :

<https://docs.microsoft.com/en-us/power-query/connectors/textcsv>

Warning: if you do it on the entire data set it may cause the initial load of the data in the editor to be slower.

upvoted 5 times

🗨️ 👤 **Googlegen** 2 months, 2 weeks ago

3rd Question : only cause the initial load of the data not "the import timing"

upvoted 1 times

🗨️ 👤 **mirzotti** 2 months, 2 weeks ago

On exam 21-12-2021. I answered

YES

YES

NO

upvoted 2 times

🗨️ 👤 **olxwaseun** 2 months, 1 week ago

you are a bot

upvoted 4 times

🗨️ 👤 **Boualida100** Highly Voted 6 months, 1 week ago

i think the answer is YES - NO - YES

upvoted 15 times

🗨️ 👤 **NehaMadhaoPande** Most Recent 1 month, 2 weeks ago

May I know what is the correct answer for this one. I have exam in 2 days. TIA!

upvoted 1 times

🗨️ 👤 **ChrisMast** 1 month, 3 weeks ago

I tested the second question, extra files did not come in. Answer is no. Regarding 3rd question, my verion of desktop app (Dec 2021) no longer has that option but I would think answer is Yes.

upvoted 1 times

🗨️ 👤 **Meyti** 1 month, 4 weeks ago

Yes, No, Yes

as the sample file: First File selected (in preview we see just 4 column) we will see just column from 2018 and oder columns will be remove.

upvoted 1 times

🗨️ **Marski** 2 months ago
<https://docs.microsoft.com/en-us/power-query/connectors/textcsv>
This is mentioned below. Thanks Googlegen :) !
upvoted 1 times

🗨️ **Bkunwor** 2 months, 1 week ago
While combining a folder, it will display only display matched columns. While appending queries, it will display all columns so the second answer is no.
upvoted 1 times

🗨️ **Rich39** 2 months, 1 week ago
I'm leaning toward Y, N, Y. I tested the first two questions and ended up with Y, N. And for the 3rd question, I think the key point is that the image shows the setting set to "Based on the entire dataset". And as an earlier poster commented, that is BAD to do. So, the question ask if setting it to "Based on first 200 rows" will improve import times. The answer then, I'm thinking, is YES...because that would be an improvement from how the image had it set.
upvoted 2 times

🗨️ **sowjs135** 2 months, 2 weeks ago
Yes,
No, (Additional columns are removed)
Yes (there are 12 files)
upvoted 2 times

🗨️ **MD07** 3 months, 1 week ago
Yes, No, Yes

Yes for 3rd question - because after combining 12 files data will be more (even if we consider 20 records in each file then 20×12 , because datatype identification will be done after combining.... so we cant compare the single file with 10-50 records). Although numbers are small but still...
upvoted 2 times

🗨️ **AppleVan** 3 months, 2 weeks ago
I think it's correct. Since the format is determined by the delimiter so every column will be loaded with respect to the source.
upvoted 1 times

🗨️ **Ihueghian** 4 months, 2 weeks ago
Had this in my exam today 16/10
upvoted 1 times

🗨️ **PrudenceK** 4 months, 1 week ago
What was your answer please?
upvoted 1 times

🗨️ **TalkingData** 4 months, 3 weeks ago
1. Yes
2. No
3. Yes - In my opinion. From my testing, the only applied step that alters the data type of any columns is the very last step on the output query (by default named after the folder in which the files are to be found). The immediately preceding step shows the output columns with indeterminate data types, clearly suggesting that no data type conversion(s) have taken place prior. Therefore, the data type detection would appear to be on the final dataset produced after combining all the data from the different files. The Data Type Detection setting must surely apply to this last step, and given that there will be anywhere between 240 and 1200 records in the final dataset, setting this option to limit the sample to 200 reduces the number of records to test, hence better performance (however small). Applying this setting to the final combined dataset would also make sense because of the potential to have data of different types in corresponding columns in the different files that are imported. This could potentially cause errors if the data types of the respective columns were different and the data types were detected file by file. Testing would suggest that no error ensues in this scenario, and that the data type detection occurs when all of the data has been combined.
upvoted 2 times

🗨️ **Douna** 5 months ago
Yes, No, Yes
upvoted 2 times

🗨️ **nowwin** 5 months, 1 week ago
question in exam on 18th September
upvoted 3 times

🗨️ **mauni** 5 months, 2 weeks ago
1 Yes,
2 Yes,
3 no
upvoted 4 times

🗨️ **zhang_hksar** 3 months, 1 week ago
Wrong answer.
2.The columns decied by first file. this maybe consider the import performance.
3.the datatype based on imported dataset, not independent datasource.
upvoted 1 times

🗨️ **DarioReymago** 6 months ago

Answer is Y,N,Y

The last:"Each file contains 10 to 50 transactions" so 24 files * 50 transactions = 1200 is a tiny set but could show a little improve
upvoted 1 times

  **kelvintoys93** 5 months, 3 weeks ago

Bro, look at the line "Specify the settings for each file" at the top section of the snapshot. It will determine based on the first 200 rows of each file. But you only have 10-50 rows each file. I made this mistake too thinking 200 rows could improve the performance, but nah, its a NO for 3rd questions.

upvoted 7 times

  **DarioReymago** 6 months ago

No, sorry is Y,N,N

The options is set to based on first file

upvoted 2 times

DRAG DROP -

You receive revenue data that must be included in Microsoft Power BI reports.

You preview the data from a Microsoft Excel source in Power Query as shown in the following exhibit.

	Column1	Column2	Column3	Column4	Column5	Column6
	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%
1	Department	Product	2016	2017	2018	2019
2	Bikes	Carbon mountainbike	1002815	1006617	1007814	1007239
3	Bikes	Aluminium road bike	1007024	1001454	1005842	1007105
4	Bikes	Touring bike	1003676	1005171	1001669	1003244
5	Accessories	Bell	76713	10247	60590	25927
6	Accessories	Bottle holder	26690	29613	67955	71466
7	Accessories	Satnav	83189	40113	71684	24697
8	Accessories	Mobilephone holder	68641	80336	58099	45706

You plan to create several visuals from the data, including a visual that shows revenue split by year and product.

You need to transform the data to ensure that you can build the visuals. The solution must ensure that the columns are named appropriately for the data that they contain.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Answer Area

Rename the Attribute column to Revenue and the Value column to Year.

Select Department and Product and **Unpivot Columns**.

Select **Use First Row as Headers**.

Rename the Attribute column to Year and the Value column to Revenue.

Select **Use Header as First Row**.

Select Department and Product and **Unpivot Other Columns**.



Correct Answer:

Actions

Answer Area

Rename the Attribute column to Revenue and the Value column to Year.

Select Department and Product and **Unpivot Columns**.

Select **Use Header as First Row**.

Select **Use First Row as Headers**.

Select Department and Product and **Unpivot Other Columns**.

Rename the Attribute column to Year and the Value column to Revenue.



Step 1: Select Use Header as First Row.

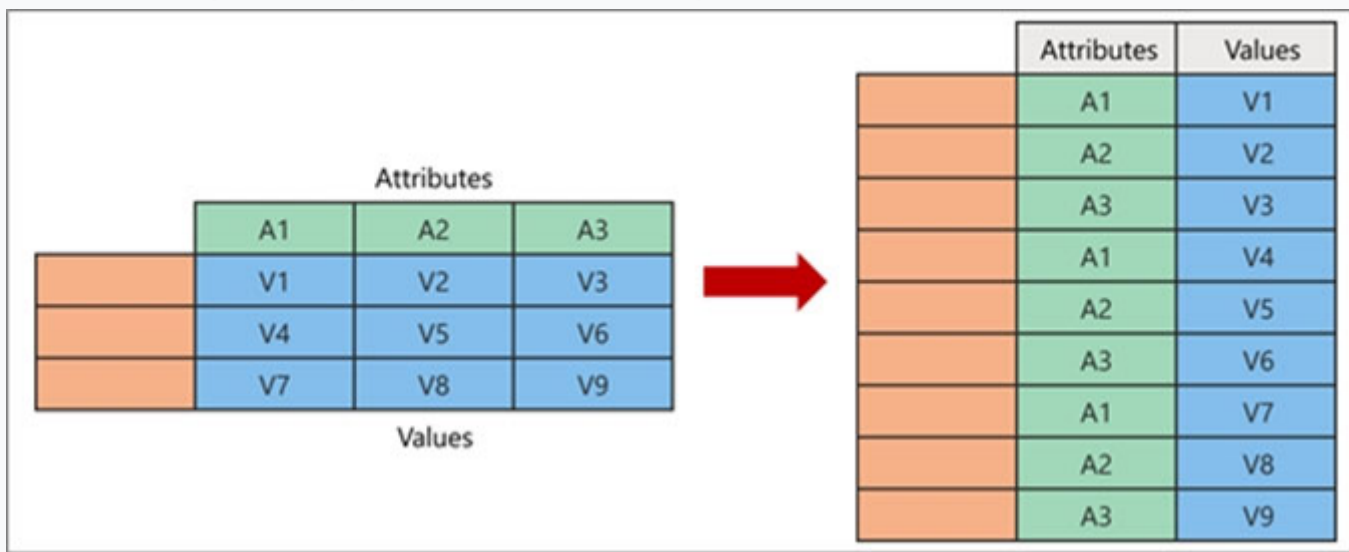
Step 2: Select Department and Product and Unpivot Other Columns

Unpivot Other Columns: This command unpivots unselected columns. Use this command in a query when not all columns are known. New columns added during a refresh operation are also unpivoted.

Step 3: Rename the Attribute column to Year and the Value column to Revenue.

You might want to unpivot data, sometimes called flattening the data, to put it in a matrix format so that all similar values are in one column.

This is necessary, for example, to create a chart or a report.



When you unpivot, you unpack the attribute-value pairs that represent an intersection point of the new columns and re-orient them into flattened columns:

Values (in blue on the left) are unpivoted into a new column (in blue on the right).

Attributes (in green on the left) are unpivoted into a new column (in green on the right) and duplicates are correspondingly mapped to the new Values column.

Reference:

<https://support.microsoft.com/en-us/office/unpivot-columns-power-query-0f7bad4b-9ea1-49c1-9d95-f588221c7098>

Boualida100 Highly Voted 6 months, 1 week ago

answer is correct !

upvoted 36 times

toaldoe 3 months, 2 weeks ago

i concur

upvoted 3 times

noorul99 Highly Voted 6 months ago

Agree,

Use header as first row,

Select dept and product and unpivot OTHER columns

Rename attribute to Year, value to Revenue

upvoted 8 times

ArtemidorosTiriao69 2 months, 2 weeks ago

why unpivot OTHER columns?

upvoted 1 times

Sekhmet 5 months, 2 weeks ago

Use first row as headers

upvoted 1 times

ricover 5 months, 3 weeks ago

It's Use First Row as Headers, not Header as First Row. There is a big difference.

upvoted 6 times

PrudenceK Most Recent 3 days, 19 hours ago

On exam 03/01/2022

upvoted 1 times

Christine666 2 weeks, 2 days ago

ans is correct.

For further understanding on this kinds of question, "change data type" can be the 4th step.

upvoted 1 times

Marski 2 months ago

Usually step 1) transpose, then step 2) Unpivot and then step 3) first row as headers I think. This is how its done in youtube if you google AD-100 exam teaching videos and watch, I mean the video where they spend a lot of time on this and have Brussels, Amsterdam etc. stores with Luxury, toys, books etc. goods on sale. Check that video out. Thank you and Happy New Year 2022.

upvoted 1 times

PatrickStr 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

kcwood94 4 months, 3 weeks ago

On exam 10/14/21

upvoted 4 times

lhueghian 4 months, 2 weeks ago

Had this in my exam today 16/10

upvoted 1 times

🗨️ 👤 **troydavidcook** 4 months, 3 weeks ago

Why aren't we unpivoting first?

upvoted 2 times

🗨️ 👤 **alinecopque** 5 months, 1 week ago

Why is the first step use first row as header? why couldn't we unpivot first then define the first row?

upvoted 2 times

🗨️ 👤 **Scoville** 5 months ago

Unpivoting first will create a 'Attribute' Column with the column headers as values i.e. first row in the dataset after Unpivoting would be [Department, Product, 2016]. If we promote headers first then unpivot we end up with [Bikes, Carbon mountainbike, 1002815] as the first row in the dataset.

upvoted 4 times

🗨️ 👤 **nowwin** 5 months, 1 week ago

question in exam on 18th September

upvoted 2 times

🗨️ 👤 **loiq** 5 months, 3 weeks ago

What is attribute column?

upvoted 2 times

🗨️ 👤 **lhueghian** 5 months, 3 weeks ago

When unipovit a table the unipovit columns is called Attribute and Value by default, so u rename this columns based on the data that it contains

upvoted 2 times

🗨️ 👤 **lhueghian** 5 months, 3 weeks ago

UNpivot*

upvoted 1 times

HOTSPOT -

You are building a financial report by using Power BI.

You have a table named financials that contains a column named Date and a column named Sales.

You need to create a measure that calculates the relative change in sales as compared to the previous quarter.

How should you complete the measure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Sales QoQ% =

IF (

ISFILTERED('financials' [Date]),
 ERROR("Uh oh."),
 VAR PREV_QUARTER =

	▼
CALCULATE	
CALCULATETABLE	
DATEADD	
DIVIDE	
FILTER	
FIND	

SUM('financials' [Sales]),

('financials' [Date].[Date], -1, QUARTER)

	▼
CALCULATE	
CALCULATETABLE	
DATEADD	
DIVIDE	
FILTER	
FIND	

)

RETURN

(SUM('financials' [Sales]) - PREV_QUARTER, PREV_QUARTER)

	▼
CALCULATE	
CALCULATETABLE	
DATEADD	
DIVIDE	
FILTER	
FIND	

)

Answer Area

Sales QoQ% =

IF (

```
ISFILTERED('financials' [Date]),  
ERROR("Uh oh."),  
VAR PREV_QUARTER =
```

	▼
CALCULATE	
CALCULATETABLE	
DATEADD	
DIVIDE	
FILTER	
FIND	

```
SUM('financials' [Sales]),
```

Correct Answer:

```
(('financials' [Date].[Date], -1, QUARTER)
```

	▼
CALCULATE	
CALCULATETABLE	
DATEADD	
DIVIDE	
FILTER	
FIND	

```
)
```

```
RETURN
```

```
(SUM('financials' [Sales]) - PREV_QUARTER, PREV_QUARTER)
```

	▼
CALCULATE	
CALCULATETABLE	
DATEADD	
DIVIDE	
FILTER	
FIND	

```
)
```

Box 1: CALCULATE -

Box 2: DATEADD -

Box 3: DIVIDE -

Example:

NET_SALES QoQ% =

IF(

ISFILTERED('Calendar'[Date]),

ERROR("Time intelligence quick measures can only be grouped or filtered by the Power BI-provided date hierarchy or primary date column."),

VAR __PREV_QUARTER =

CALCULATE(

SUM('research ra_qtr_template'[NET_SALES]),

DATEADD('Calendar'[Date].[Date], -1, QUARTER)

)

RETURN -

DIVIDE(

SUM('research ra_qtr_template'[NET_SALES]) - __PREV_QUARTER,

__PREV_QUARTER

)

)

Reference:

<https://community.powerbi.com/t5/Desktop/Error-calculating-QOQ-using-quick-measure/m-p/547054>

 **Rakkerkoekenbakker** Highly Voted 6 months ago

Correct. For the divide part: New - old / old, therefore it is correct.

upvoted 20 times

 **kwanalytics** Most Recent 2 months, 1 week ago

Similar question related to this as a case study on exam Dec 27, 2021

upvoted 2 times

 **Bagoo** 6 months ago

Someone explains the IF formula, please :(

upvoted 2 times

  **HelenKim** 6 months ago

I think you might confuse about Isfiltered dax within IF. I searched around and this vid clearly explained: https://www.youtube.com/watch?v=DqehDO50mFE&ab_channel=Curbal

This question here is to need quarter on quarter rev so date slicer should be in all.

upvoted 2 times

  **DaveLaff** 6 months ago

Checks whether a condition is met, and returns one value if TRUE, and another value if FALSE.

<https://dax.guide/if/>

upvoted 1 times

You have a custom connector that returns ID, From, To, Subject, Body, and Has Attachments for every email sent during the past year. More than 10 million records are returned.

You build a report analyzing the internal networks of employees based on whom they send emails to.

You need to prevent report recipients from reading the analyzed emails. The solution must minimize the model size.

What should you do?

- A. Implement row-level security (RLS) so that the report recipients can only see results based on the emails they sent.
- B. Remove the Subject and Body columns during the import.
- C. From Model view, set the Subject and Body columns to Hidden.

Correct Answer: B

Incorrect Answers:

A, C: Does not reduce the size of the model.

Community vote distribution

B (100%)

- vinothravi** Highly Voted 1 year, 4 months ago
 B. Remove the Subject and Body columns during the import.
 upvoted 80 times
- binah** Highly Voted 7 months, 2 weeks ago
 Hi analysts. I took my exam on June 13 2021 and passed with 800+ score. All two case studies were from here and also 70% of the questions just verify your answers with discussions and on PowerBi as well. Thank you examtopics and thank you everyone!
 upvoted 19 times
- troydavidcook** 4 months, 4 weeks ago
 What's the format of the case studies?
 upvoted 1 times
- teeman001** Most Recent 1 month, 2 weeks ago
Selected Answer: B
 Correct
 upvoted 1 times
- kwanalytics** 2 months, 1 week ago
 On exam Dec 27, 2021 - answered B
 upvoted 1 times
- aguilartu1** 3 months, 3 weeks ago
 on exam - Nov 11, 2021.
 upvoted 1 times
- bilearner** 4 months, 3 weeks ago
 B is the right ans
 upvoted 3 times
- Kiran37** 5 months, 1 week ago
 B removes the data & minimize the size also
 upvoted 1 times
- Hope2000** 6 months, 2 weeks ago
 B is the right option!
 upvoted 1 times
- francis6170** 6 months, 3 weeks ago
 Got this in the exam - Aug 15, 2021.
 upvoted 3 times
- adeyinkaamole** 7 months, 2 weeks ago
 Answer is B
 upvoted 2 times
- tramynt** 7 months, 2 weeks ago
 B. " The solution must minimize the model size "
 upvoted 1 times
- JustMurf** 8 months ago

Can moderators please delete the request for people to send them the full pdf and answers. it defeats the purpose of contributors access.. Those that want the PDF, if you can afford to sit the exam you can afford to pay for the access stop being cheap...

upvoted 8 times

  **Shyanne** 8 months ago



Please send the correct answers here- shyenne96@yahoo.com

upvoted 1 times

  **JustMurf** 8 months ago



Just pay like everyone else..SMH

upvoted 3 times

  **Lcberti** 8 months, 1 week ago


Hello, someone share a file containing all the questions with the correct answers?
my e-mail = lcberti@gmail.com. Thanks in advance!

upvoted 1 times

  **Ps18** 8 months, 1 week ago



This question was in the exam.

upvoted 1 times

  **k00ks** 8 months, 2 weeks ago

Hello, someone share a file containing all the questions with the correct answers?
my e-mail = ctiengane@gmail.com. Thanks in advance!

upvoted 1 times

  **Ps18** 10 months, 2 weeks ago



Will microsoft learn path and the exam topics 90 questions be enough to clear the exam ?
Can anyone help me understand ?

upvoted 1 times

  **Min5572** 8 months, 1 week ago

Yes, I had 0 experience with Power BI and did all the microsoft learn paths and these practice questions. I passed with a 77% score (minimum is 70%). Best of luck!!

upvoted 4 times

  **Pombo** 9 months, 2 weeks ago

Did was enough for you?

upvoted 1 times

Your company has training videos that are published to YouTube.
You need to surface the videos directly in a Microsoft Power BI dashboard.
Which type of tile should you add?

- A. video
- B. custom streaming data
- C. text box
- D. web content

Correct Answer: B

The only way to visualize a streaming dataset is to add a tile and use the streaming dataset as a custom streaming data source.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-real-time-streaming>

Community vote distribution

A (100%)

BMM96 Highly Voted 5 months, 1 week ago

The answer is A.

<https://docs.microsoft.com/pt-pt/power-bi/create-reports/service-dashboard-add-widget>

upvoted 34 times

Tambth Highly Voted 5 months, 1 week ago

Should be A. Video.

Video tile from Youtube & Vimeo can be added directly to the dashboard

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget>

upvoted 9 times

Milq Most Recent 2 weeks, 3 days ago

The answer is A!

upvoted 1 times

123CCM 2 weeks, 3 days ago

A is correct.

upvoted 1 times

Nurgul 3 weeks, 6 days ago

Selected Answer: A

The correct answer is A. I've tested.

upvoted 1 times

teeman001 1 month, 2 weeks ago

Selected Answer: A

A is correct

upvoted 2 times

RohitTheMastermind 1 month, 3 weeks ago

Selected Answer: A

correct answer

upvoted 2 times

JennyDee 1 month, 3 weeks ago

Selected Answer: A

Tested this, Video works

upvoted 2 times

kiranshegde 2 months ago

Selected Answer: A

Youtube vedeos can be presented directly using video tile

upvoted 2 times

helloNim 2 months ago

Selected Answer: A

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget>

upvoted 2 times

WW219 2 months, 2 weeks ago

Selected Answer: A

It is A!

upvoted 1 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

 **strikersree** 3 months ago

Selected Answer: A

Yes it is A

upvoted 1 times

 **FruityStrawb** 3 months ago

Selected Answer: A

Should be Video

upvoted 1 times

 **FruityStrawb** 3 months ago

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget#add-a-video> Part C directly references Youtube.

upvoted 1 times

 **Callyosi** 3 months, 1 week ago


Selected Answer: A

Add images, videos, and more to your dashboard

<https://youtu.be/GINbx-gOwNE>

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget>

upvoted 2 times

 **PHONI** 4 months, 1 week ago

WHY NOT D?

upvoted 1 times

 **Guincimund** 3 months, 3 weeks ago

Because the videos are listed as youtube videos. D would be sources that are not supported by A such as microsoft stream.

upvoted 3 times

 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 3 times

Topic 2 - Question Set 2

You build a report to analyze customer transactions from a database that contains the tables shown in the following table.

Table name	Column name
Customer	CustomerID (primary key)
	Name
	State
	Email
Transaction	TransactionID (primary key)
	CustomerID (foreign key)
	Date
	Amount

You import the tables.

Which relationship should you use to link the tables?

- A. many-to-many between Customer and Transaction
- B. one-to-many from Transaction to Customer
- C. one-to-many from Customer to Transaction
- D. one-to-one between Customer and Transaction

Correct Answer: C

Each customer can have many transactions.

For each transaction there is exactly one customer.

Community vote distribution

C (100%)

BenAji Highly Voted 11 months, 4 weeks ago

Correct

upvoted 56 times

mirzotti 2 months, 2 weeks ago

On exam 21-12-2021. I answered C

upvoted 3 times

Silia Highly Voted 11 months, 4 weeks ago

C is correct

upvoted 15 times

PrudenceK Most Recent 3 days, 19 hours ago

On exam 03/01/2022

upvoted 1 times

Marski 2 months ago

In SQL language you would JOIN the tables based on CustomerID as primary and foreign key though.

upvoted 1 times

kwanalytics 2 months, 1 week ago

On exam Dec 27, 2021 - answered C

upvoted 1 times

DatBI 2 months, 1 week ago

Selected Answer: C

C is correct,

upvoted 1 times

MustPassDA100 2 months, 1 week ago

on exam 12/25/2021

upvoted 1 times

Shan 2 months, 1 week ago

Selected Answer: C

CORRECT

upvoted 1 times

haepoeg 2 months, 2 weeks ago

C. one-to-many from Customer to Transaction

upvoted 1 times

Kiraaaaaa 3 months ago

The answer is correct. As one customer can have many transactions.

upvoted 1 times

🗨️ 👤 **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.

upvoted 3 times

🗨️ 👤 **yster** 8 months, 1 week ago

The transaction table may contain repeating rows of customerID. The foreign key (transaction table) is a link between the two tables. The rule here is One customer can have many Transactions. I go with C

upvoted 4 times

🗨️ 👤 **shrushru** 8 months, 2 weeks ago

Yes, One customer can have many transactions. But in current tables, They have mentioned primary key in each tables(Customer and transaction) , So Primary key means it's unique and here in Transaction tables only unique transactions are there. so it's one customer having one transaction. hence Answer is "D"

upvoted 1 times

🗨️ 👤 **Jaya_rj** 8 months, 1 week ago

Answer is C. You are right in saying transactions id's are unique in the Transaction table. But one cust can have multiple transactions.

upvoted 2 times

🗨️ 👤 **Cloudy_Dave** 9 months, 1 week ago

This was in the exam on 28th May but had a 2nd part question about the direction of the relationship

upvoted 2 times

🗨️ 👤 **PiyushTamaskar** 8 months, 2 weeks ago

Do we know the answer about the direction of the relationship ?

upvoted 1 times

🗨️ 👤 **Databankforfree** 9 months, 1 week ago

and the direction is from customer to transaction ?

upvoted 1 times

🗨️ 👤 **Rohankandra** 9 months ago

Yes the filter propogates from the Transaction(fact table) to Customer (Dim table)

upvoted 2 times

🗨️ 👤 **Ravi83** 7 months, 3 weeks ago

Direction of filter will be from customer table to transaction table. Filter will propagate form Customer to Transaction table

upvoted 3 times

🗨️ 👤 **PenniWize** 9 months, 1 week ago

C is correct

upvoted 1 times

🗨️ 👤 **KingsGig** 9 months, 3 weeks ago

C is the correct answer

upvoted 2 times

🗨️ 👤 **VidSicious** 10 months ago

Yes - Answer C

upvoted 2 times

HOTSPOT -

You have a Power BI report.

You need to create a calculated table to return the 100 highest spending customers.

How should you complete the DAX expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Top 100 Customers =

ASC[
DESC(
FILTER(
SUMMARIZE[
TOPN(

100,

ASC
DESC
FILTER
SUMMARIZE
TOPN

(FactTransaction,

FactTransaction[Customer ID],

"Sales",

SUM(FactTransaction[Sale])),

[Sales],

ASC
DESC
FILTER
SUMMARIZE
TOPN

Answer Area

Correct Answer:

Top 100 Customers =

ASC[
DESC(
FILTER(
SUMMARIZE[
TOPN(

100,

ASC
DESC
FILTER
SUMMARIZE
TOPN

(FactTransaction,

FactTransaction[Customer ID],

"Sales",

SUM(FactTransaction[Sale])),

[Sales],

ASC
DESC
FILTER
SUMMARIZE
TOPN

Box 1: TOPN -

TOPN returns the top N rows of the specified table.

Box 2: SUMMARIZE -

SUMMARIZE returns a summary table for the requested totals over a set of groups.

Box 3: DESC -

Sort in descending order.

It is last in the TOPN command.

TOPN syntax:

TOPN(<n_value>, <table>, <orderBy_expression>, [<order>[, <orderBy_expression>, [<order>]]λ€!))

Reference:

<https://docs.microsoft.com/en-us/dax/topn-function-dax>

<https://docs.microsoft.com/en-us/dax/summarize-function-dax>

🗨️ **stokazz** Highly Voted 11 months, 4 weeks ago

Correct! TopN, Summarize, Desc
upvoted 76 times

🗨️ **mirzotti** 2 months, 2 weeks ago

On exam 21-12-2021. TopN, Summarize, Desc is correct
upvoted 2 times

🗨️ **Lilli** Highly Voted 9 months, 3 weeks ago

Top 100 Customers =
TOPN(100,
SUMMARIZE(FactTransaction, FactTransaction[Customer ID], "Sales", Sum(FactTransaction[Sales])),
[Sales],
DESC)
upvoted 17 times

🗨️ **Milq** Most Recent 2 weeks, 3 days ago

TopN, Summarize, Desc
Correct Answer!
upvoted 1 times

🗨️ **Pritam85** 1 month, 1 week ago

Correct answer - TopN, Summarize, Desc
upvoted 2 times

🗨️ **kwanalytics** 2 months, 1 week ago

On exam Dec 27, 2021 - answered same as choices here TopN, Summarize, Desc
upvoted 1 times

🗨️ **haepoeg** 2 months, 2 weeks ago

topN, summarize, desc
upvoted 2 times

🗨️ **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.
upvoted 3 times

🗨️ **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.
upvoted 5 times

🗨️ **Champikilo** 9 months, 3 weeks ago

TopN, Summarize, Asc is the correct answer.
upvoted 2 times

🗨️ **Charley92** 8 months, 1 week ago

It should be DESC which gives from the highest order
upvoted 7 times

🗨️ **SuzyQt** 10 months ago

If you are looking for the highest wouldn't it be ASC.
upvoted 2 times

🗨️ **MachineGunSquirrel** 9 months, 3 weeks ago

ASC starts from lowest and goes to highest, DESC starts high and goes low. If you want the top highest, you'll want DESC.
upvoted 12 times

🗨️ **kwamek** 10 months ago

Correct
upvoted 3 times

HOTSPOT -

You have two tables named Customers and Invoice in a Power BI model. The Customers table contains the following fields:

- ☞ CustomerID
- ☞ Customer City
- ☞ Customer State
- ☞ Customer Name
- ☞ Customer Address 1
- ☞ Customer Address 2
- ☞ Customer Postal Code

The Invoice table contains the following fields:

- ☞ Order ID
- ☞ Invoice ID
- ☞ Invoice Date
- ☞ Customer ID
- ☞ Total Amount

Total Item Count -

- The Customers table is related to the Invoice table through the Customer ID columns. A customer can have many invoices within one month.

The Power BI model must provide the following information:

- ☞ The number of customers invoiced in each state last month
- ☞ The average invoice amount per customer in each postal code

You need to define the relationship from the Customers table to the Invoice table. The solution must optimize query performance.

What should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Cardinality: ▼

Many-to-many
Many-to-one
One-to-many
One-to-one

Cross-filter direction: ▼

Both
Single

Answer Area

Cardinality:

- Many-to-many
- Many-to-one
- One-to-many
- One-to-one

Correct Answer:

Cross-filter direction:

- Both
- Single

Box 1: One-to-many -


A customer can have many invoices within one month.

Box 2: Single -

For One-to-many relationships, the cross filter direction is always from the "one" side, and optionally from the "many" side (bi-directional). For Single cross filter direction means "single direction", and Both means "both directions". A relationship that filters in both directions is commonly described as bi- directional.

Reference:

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-relationships-understand>

 **TalkingData** Highly Voted 4 months, 3 weeks ago

The answer given is correct: One-to-Many and Single.

For the first requirement, a filter on the State in the Customers table would propagate to the Invoice table, enabling you to count the number of invoice rows for that State. There would be an additional filter on the Invoice Data field for "last month". With these two filters applied to the Invoice table, you could count the number of unique Customer ID values left visible in the Invoice table in that filter context to get the required result. You are not being asked to show customer information, therefore there is no need to perform a lookup in the Customers table.

The second requirement is more straightforward - a filter for a particular customer in the Customers table will propagate to the Invoice table, from which you can calculate the average invoice amount for that customer.

If you read the reference documentation provided in the solution...

Bi-directional relationships can impact negatively on performance. Further, attempting to configure a bi-directional relationship could result in ambiguous filter propagation paths... We recommend using bi-directional filtering only as needed.

This helps satisfy the requirement that the solution must optimize query performance.

upvoted 32 times

 **DTDL2002** 2 months, 1 week ago

very clear explanation. Thanks

upvoted 2 times

 **QueenJet** 3 months, 2 weeks ago

I agree - the measures can all be done on Orders. CustomerId is available in Orders.

upvoted 1 times

 **AdsAdsAds** 4 months, 2 weeks ago

I agree - they key here is to ensure query performance is optimised. Therefore must be Single.

upvoted 2 times

 **IvyS** Highly Voted 5 months ago

I think the cross filter direction is BOTH.


As the question asked to count the number of customer invoiced in each state, which means we need to use invoice to filter customer as well. The direction should be both rather than Single.

upvoted 20 times

 **powerbigranny** 3 months, 1 week ago

It is single direction because the filter is from State (Customer table) to count number of invoices (Invoice table)

upvoted 4 times

 **GRV786** Most Recent 1 week, 5 days ago

The average invoice amount per customer in each postal code - 'BOTH' so answer one to many, BOTH

upvoted 1 times

 **kwanalytics** 2 months, 1 week ago

On exam Dec. 27, 2021 - answered same as choices One to Many and Single
upvoted 2 times

🗨️ 👤 **Tina377** 2 months, 3 weeks ago
Tested. One-to-Many and Both.
upvoted 2 times

🗨️ 👤 **flynt** 2 months, 3 weeks ago
why Both?
upvoted 1 times

🗨️ 👤 **Linda55** 3 months ago
The answer is correct. As long as you don't need any information based on the customer table (which then should be filtered of course) like No of Customers per invoice date there is no need for a bi-directional filter. I've tested it.
upvoted 5 times

🗨️ 👤 **aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
upvoted 2 times

🗨️ 👤 **dodis_13** 4 months, 1 week ago
in my test oct 2021
upvoted 1 times

🗨️ 👤 **L3x** 4 months, 3 weeks ago
I'm under the same impression, it should be bi-directional
upvoted 2 times

🗨️ 👤 **HP007** 5 months ago
Is this answer correct?
upvoted 1 times

🗨️ 👤 **jiggybrain** 5 months ago
correct ! right ?
upvoted 3 times

You have a Microsoft Power BI data model that contains three tables named Orders, Date, and City. There is a one-to-many relationship between Date and

Orders and between City and Orders.

The model contains two row-level security (RLS) roles named Role1 and Role2. Role1 contains the following filter.

City[State Province] = "Kentucky"

Role2 contains the following filter.

Date[Calendar Year] = 2020 -

If a user is a member of both Role1 and Role2, what data will they see in a report that uses the model?

- A. The user will see data for which the State Province value is Kentucky and the Calendar Year is 2020.
- B. The user will see data for which the State Province value is Kentucky or the Calendar Year is 2020.
- C. The user will see only data for which the State Province value is Kentucky.
- D. The user will receive an error and will not be able to see the data in the report.

Correct Answer: B

When a report user is assigned to multiple roles, RLS filters become additive. It means report users can see table rows that represent the union of those filters.

Reference:

<https://docs.microsoft.com/en-us/power-bi/guidance/rls-guidance>

Community vote distribution

B (50%)

A (50%)

 **Evert23** Highly Voted 1 year, 5 months ago


Correct!

upvoted 107 times

 **mirzotti** 2 months, 2 weeks ago

On exam 21-12-2021. I answered OR

upvoted 4 times

 **Stalin77** 6 months, 3 weeks ago

OR CONDITION

upvoted 6 times

 **vinothravi** Highly Voted 1 year, 4 months ago

A.user will see data for which the State Province value is Kentucky and the Calendar Year is 2020

upvoted 23 times

 **eurekamike** 7 months ago

when you use "and" that means there are more conditions to meet and less data is available.

"or" means that you have more access to data.

role 1 can see any data from kentucky from any year.

role 2 can see any data from 2020 from any state.

if you say only kentucky and 2020 then you have limited your data. role permissions are additive, not restrictive.

upvoted 27 times

 **eurekamike** 7 months ago

kentucky or 2020:

|2018|2019|2020

Virginia|no|no|yes

kentucky|yes|yes|yes

Mississippi|no|no|yes

Florida|no|no|yes

kentucky and 2020:

|2018|2019|2020

Virginia|no|no|no

kentucky|no|no|yes



Mississippi|no|no|no

Florida|no|no|no

upvoted 13 times

 **BanderMansor** 1 month, 4 weeks ago

Thanks
Amazing example!
upvoted 1 times

  **Wayne951221** 4 months ago

This is wrong
upvoted 4 times

  **nickname_1994** Most Recent 1 week, 4 days ago

Yes, answer is correct (B). I tested. If you would describe RLS in DAX as `AND(City[ProvinceState] = "Kentucky", Date[Year] = 2020)`, then you would get A answer. It would be filtered by both conditions.

upvoted 2 times

  **mongolian7** 2 weeks, 1 day ago

Selected Answer: B

The answer B is correct.

"When a report user is assigned to multiple roles, RLS filters become additive. It means report users can see table rows that represent the UNION of those filters." (from <https://docs.microsoft.com/en-us/power-bi/guidance/rls-guidance>)

upvoted 1 times

  **Nurgul** 3 weeks, 5 days ago

Selected Answer: A

The answer is A.

upvoted 1 times

  **Nurgul** 3 weeks, 5 days ago

Sorry, A is not correct. The correct answer is B. I've tested.

upvoted 1 times

  **kwanalytics** 2 months, 1 week ago

On exam Dec. 27, 2021 - answered AND but believe it's actually OR.

upvoted 2 times

  **MustPassDA100** 2 months, 1 week ago

on exam 12/25/2021, and I chose 'or'

upvoted 1 times

  **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answer:



The user will see data for which the State Province value is Kentucky or the Calendar Year is 2020.

upvoted 5 times

  **Zee10** 4 months ago

B is correct. As mention there are two roles not a single. So 1 role can be for separate one and 2 role can be for other one. It not mention anywhere that everyone is assigned to role 1. So any user from role one can see data for only Kentucky for any year because no condition mentioned for year in 1 role. Similarly, a user in 2 role can see data for Only 2020 but for any State because no condition mention for state in 2 role.

upvoted 2 times

  **Vulkany** 6 months, 2 weeks ago

Microsoft Documents starts like this:

"..It is important to understand the table rows of RLS filters. They cannot be configured to restrict access to model objects, including tables, columns, or measures."

and

"When a report user is assigned to multiple roles, RLS filters become additive. It means report users can see table rows that represent the union of those filters."

It's UNION not an INTERSECTION.

So the right answer is B

upvoted 14 times

  **DTDL2002** 2 months, 1 week ago

Thanks. I firstly get confused by the word UNION (mean OR, not AND).

upvoted 1 times

  **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.

upvoted 3 times

  **kimalto452** 3 months, 1 week ago

bot...

upvoted 1 times

  **geky123** 7 months, 2 weeks ago

If I got it correctly if I'm from Kentucky I can see the data from "Kentucky" for all years. If I happen to be from NY for example I can see data from all places, but only for 2020. Is that correct?

upvoted 1 times

  **Tolution** 8 months ago

i think B. because of it's cardinality or direction of flow. if year were to come first or many to many then the story changes

upvoted 2 times

  **Diegomsreis** 8 months, 2 weeks ago

B is correct! 2 roles them role 1 or role 2*

upvoted 2 times

  **Diegomsreis** 8 months, 2 weeks ago

C is correct! 2 roles them role 1 or role 2

upvoted 1 times

  **KingsGig** 9 months, 3 weeks ago

The answer is B. "Or" represents Union. Hence the role would see details for Kentucky and also details for 2020.

upvoted 10 times

  **memo43** 10 months ago

More information about RLS: https://www.youtube.com/watch?v=MxU_FYSSnYU

upvoted 1 times

HOTSPOT -

Your company has affiliates who help the company acquire customers.

You build a report for the affiliate managers at the company to assist them in understanding affiliate performance.

The managers request a visual showing the total sales value of the latest 50 transactions for each affiliate. You have a data model that contains the following tables.

Table name	Column name
Transactions	TransactionDate
	ItemsOrdered
	Amount
	AffiliateID
	TransactionID
Affiliate	AffiliateID
	Name

The Affiliate table has a one-to-many relationship to the Transactions table based on the AffiliateID column.

You need to develop a measure to support the visual.

How should you complete the DAX expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Revenue Last 50 Transactions =

▼ (

 CALCULATE

 CONCATENATEX

 SUM

 SUMX

 TOPN

)

 (Transactions[Amount]),

 CALCULATE

 CONCATENATEX

 SUM

 SUMX

 TOPN

)

 (50, Transactions, Transactions

 CALCULATE

 CONCATENATEX

 SUM

 SUMX

 TOPN

)

 [TransactionID]

 [Amount],

 [ItemsOrdered],

 [TransactionDate],

)

)

)

DESC)

)

Answer Area

Revenue Last 50 Transactions =

▼ (

 CALCULATE

 CONCATENATEX

 SUM

 SUMX

 TOPN

)

 (Transactions[Amount]),

 CALCULATE

 CONCATENATEX

 SUM

 SUMX

 TOPN

)

 (50, Transactions, Transactions

 CALCULATE

 CONCATENATEX

 SUM

 SUMX

 TOPN

)

 [TransactionID]

 [Amount],

 [ItemsOrdered],

 [TransactionDate],

)

)

)

Correct Answer:

Box 1: CALCULATE -

Start with CALCULATE and use a SUMX.

CALCULATE evaluates an expression in a modified filter context.

Box 2: SUMX -

SUMX returns the sum of an expression evaluated for each row in a table.

The following sample creates a measure with the sales of the top 10 sold products.

= SUMX(TOPN(10, SUMMARIZE(Product, [ProductKey], "TotalSales", SUMX(RELATED(InternetSales_USD[SalesAmount_USD])),

InternetSales_USD

[SalesAmount_USD]) + SUMX(RELATED(ResellerSales_USD[SalesAmount_USD]), ResellerSales_USD[SalesAmount_USD]))

Box 3: TOPN -

TOPN returns the top N rows of the specified table.

Box 4: [TransactionDate]

TOPN Syntax: TOPN(<n_value>, <table>, <orderBy_expression>, [<order>[, <orderBy_expression>, [<order>]]λ€!))

The orderBy_expression: Any DAX expression where the result value is used to sort the table and it is evaluated for each row of table.

Reference:

<https://docs.microsoft.com/en-us/dax/topn-function-dax>

 **sabribrk** Highly Voted 11 months, 4 weeks ago

Calculate
SUM
TOPN
[TransactionDate]
upvoted 116 times

 **andimohr** 8 months ago

I was able follow the solution of the first three boxes. I couldn't see why it is "essential" to select [TransactionDate] as the OrderBy Expression in the fourth box.

It took quite a while to identify the key sentence in the question that makes it necessary for us to use [TransitionDate] instead of the other Columns...

That key sentence is "value of the latest 50 transactions"

At the given (third) position of the TOPN DAX Formula the OrderBy_Expression is expected. TOPN retrieves the top 50 Transactions based on the date and orders them in a descending order, so it reflects the 50 most current Transactions in the given context - which is that we are asking for the SUM of the Transaction[Amount] we find among the 50 most current Transactions... hope that helps some of you.

upvoted 4 times

 **LasAnsias** 7 months, 2 weeks ago

I have checked. Is not correct. Returns the 50 sales ordered by date. It does not filter for the last 50 days. From my point of view both are worth it. (TransactionDate / TransactionID)

upvoted 2 times

 **LasAnsias** 7 months, 2 weeks ago

We also don't know how TransactionID is ordered. I think the best solution is with TransactionDate.

upvoted 2 times

 **eurekamike** 7 months ago

Calculate removes context of any filters. If we filtered any of the dates such as month, we could lose some of the latest transactions. CALCULATE makes sure that if we are filtering, it does not affect the calculation.

SUMX asks for a column and then an expression. Transactions[Amount] is not a table, but a column. For it to be SUMX it would have to be Transactions, not Transactions[Amount]. Here we use SUM.

TOPN expression:
TOPN(<n_value>, <table>, <orderBy_expression>)

Latest 50 transactions means we have to order by transaction date descending.

upvoted 24 times

 **Canary_2021** 8 months, 2 weeks ago

Like this answer:
Calculate
SUM
TOPN
TransactionDate
upvoted 11 times

 **hendriktygatpwc** 8 months ago

instead of transaction Date use transaction ID because you with the date you will return the total sales valye of the latest 50 days not transactions (use transaction id instead)

upvoted 5 times

 **ExamTopicsU10** 6 months, 2 weeks ago

I believe it has to be the transaction date: in the measure, you are asking for the first 50 lines from the transaction table, ordered by the date value.

upvoted 4 times

 **rouphail** 9 months ago

but SUM takes an argument just a column, as per the documentation ... and this is not the case here where the argument, is a table followed by EXPR, so it should be SUMX

upvoted 5 times

  **Rob77** 8 months, 4 weeks ago

It is only ONE argument passed to the function (Transactions[Amount])

Note closed with ")" bracket.

upvoted 4 times

  **VidSicious** Highly Voted 10 months ago

So it is:

CALCULATE

SUM

TOPN

TransactionID

upvoted 19 times

  **ikok** 3 months, 1 week ago

Tested it with dummy data, and this is correct answer. Question asked latest 50 transactions, not latest 50 days transactions (very likely more than 50 transactions when multiple transactions on one day).

upvoted 2 times

  **Nurgul** 3 weeks, 4 days ago

There is no comma after TransactionID. So maybe the correct choice would be TransactionDate?

upvoted 1 times

  **123CCM** Most Recent 2 weeks, 3 days ago

I think the answer should be something like this:

Revenue Last 50 Transactions =

TOPN(50,

SUMMARIZE(Transactions,Transactions[TransactionID],"Transactions",SUM(Transactions[Amount])),

Transactions,

DESC)

Nothing else makes sense for me.

upvoted 1 times

  **kwanalytics** 2 months, 1 week ago

On exam Dec. 27, 2021 - answered Calculate

SUM

TOPN


[TransactionDate]

upvoted 1 times

  **MustPassDA100** 2 months, 1 week ago

on exam 12/25/2021

upvoted 1 times

  **smario** 2 months, 2 weeks ago

Correct Answer:

1. Calculate

2. SUM (because we have only 1 parameter passed to it, hint closed bracket after amount, if it was sumx there wouldn't be a closed bracket.)

3. TOPN

4. TransactionDate (not transid because it does not have any comma before desc also they just want to see the latest 50 transaction, even though the last 50 transaction could be on the same day)

upvoted 2 times

  **96sudu** 1 month ago

For point 4. the answer contradicts the statement. If the last 50 transactions are the same date, the TopN filter when used with

TransactionDate will return the latest 50 dates' transactions. So it will be the 50 transactions on the latest date plus transactions from the other 49 latest dates!

upvoted 1 times

  **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

  **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answers:

CALCULATE

SUM

TOPN

TRANSACTIONDATE

upvoted 1 times

  **hanchihl** 3 months, 3 weeks ago

It must be SUM, because SUMX needs an expression

upvoted 1 times

  **TalkingData** 4 months, 3 weeks ago

It should be:

CALCULATE



SUM

TOPN
[TransactionDate],

Reagrding the last option...


From my reading of user comments, what nobody seems to have spotted is that in the schematic the first option is [TransactionID] and not [TransactionID], which is what would be required for this option to work (assuming that the TransactionID had some logical ascending sequence that we could sort on in the first place, which isn't specified in the question). In case you missed it, the comma (,) is missing after the option [TransactionID] which would mean that the TOPN expression would be syntactically incorrect, thus ruling out [TransactionID] on this basis too.

upvoted 4 times

  **skodde** 2 months, 3 weeks ago

Correct, the missing comma definitely rules out the TransactionID, therefore TransactionDate is correct. Thanks!

upvoted 2 times

  **kcwood94** 4 months, 3 weeks ago



On exam 10/14/21

upvoted 3 times

  **lhueghian** 4 months, 2 weeks ago

Had this in my exam today 16/10

upvoted 1 times

  **bilearner** 4 months, 3 weeks ago



Sumx requires a table and expression. sum takes in column

upvoted 1 times

  **nowwin** 5 months, 1 week ago

question in exam on 18th September

upvoted 4 times

  **Vulkany** 6 months, 2 weeks ago

The image and the text misleads us.

Initially I thought that SUMX would have to be used because I thought that a table will be returned from the TOPN to feed the calculation, but no.

In fact this measure only gives the sum of the last 50 transactions by date, not by affiliate.

Revenue Last 50 Transactions =

```
CALCULATE(  
SUM(Transactions [Amount]),  
TOPN(50, Transactions, Transactions[TransactionDate]  
)
```

upvoted 2 times

  **Ashud1** 7 months ago

Observation , if they want to Use SUM then Only Single Column has to be provided not the column and Table (which is syntax of SUMX) :)

upvoted 5 times

  **w0mz** 7 months, 1 week ago



Calculate

SUMX (Affiliate filter to be added in visual later)

TOPN

[TransactionDate] (question states LATEST 50 hence date)

upvoted 3 times

  **Popxm** 7 months, 1 week ago

+1

Calculate

SUM

TOPN

[TransactionDate]

upvoted 1 times

You are configuring a Microsoft Power BI data model to enable users to ask natural language questions by using Q&A.

You have a table named Customer that has the following measure.

Customer Count = DISTINCTCOUNT(Customer[CustomerID])

Users frequently refer to customers as subscribers.

You need to ensure that the users can get a useful result for "subscriber count" by using Q&A. The solution must minimize the size of the model.

What should you do?

- A. Set Summarize By to None for the CustomerID column.
- B. Add a synonym of "subscriber" to the Customer table.
- C. Add a synonym of "subscriberID" to the CustomerID column.
- D. Add a description of "subscriber count" to the Customer Count measure.

Correct Answer: B

You can add synonyms to tables and columns.

Note: This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.


This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.





Reference:

<https://docs.microsoft.com/en-us/power-bi/natural-language/q-and-a-best-practices>

Community vote distribution

B (100%)

-  **RajGoy** Highly Voted 1 year, 4 months ago
 answer is B, we give synonym, if want different name in Q&A
 upvoted 58 times
-  **SebK** Highly Voted 1 year, 4 months ago
 B is correct.

<https://docs.microsoft.com/en-us/learn/modules/ai-visuals-power-bi/2-visual>
 upvoted 19 times
-  **Alism98** Most Recent 3 weeks, 5 days ago
Selected Answer: B
 answer is B, we give synonym, if want different name in Q&A
 upvoted 1 times
-  **PatrickStr** 2 months, 3 weeks ago
 on exam 12/10/2021
 upvoted 1 times
-  **toaldoe** 3 months, 2 weeks ago
 The answer B is correct.
<https://docs.microsoft.com/en-us/learn/modules/ai-visuals-power-bi/2-visual>
 upvoted 1 times
-  **kcwood94** 4 months, 3 weeks ago
 On exam 10/14/21 - there was another option to add a synonym to Customer Count measure as Subscriber Count - that's what I went with
 upvoted 5 times
-  **lhueghian** 4 months, 2 weeks ago
 Had this in my exam today 16/10, but didn't have the option u're saying so i went to B. Add synonym to Coustomer Table
 upvoted 3 times
-  **eurekamike** 7 months ago
 Made a fact table with multiple repeated customerID entries. Made the measure. When I tried "Customer count" in Q&A, it gave me the distinct customer count from the measure.

 when I tried "subscriber count", it didn't understand. Now to put synonyms.

 subscriber at the table level gave me a count of the CustomerID, not distinct count. It did not refer to the customer count measure as I had thought it would.

 subscriberID at the customerID column gave me an error(did not understand).

Then I tried subscriber at the customerID column and it gave me the correct distinct count. This was not an option in the answers.



I think this question is not worded correctly. I tried all different combinations of things.

upvoted 3 times

  **lhueghian** 4 months, 3 weeks ago

This mean C is the correct answer in the absent of "Synonym to Customer Count measure as Suscriber Count"

upvoted 2 times

  **boba10** 7 months, 3 weeks ago

You can add a synonym to a measure so that makes the most sense to me

upvoted 2 times

  **berserkguts** 7 months, 3 weeks ago

Answer B & C WORKS

I tested this today

1. Using a local SQL SERVER 2019 DEVELOPER EDITION DB, I created a Customer table
2. I populated the said table with around 2k dummy records
3. Fired-up POWERBI desktop, loaded data from SQL SERVER using IMPORT MODE
4. Created the Measure "CustomerCount = DISTINCTCOUNT(Customer[CustomerID])"
5. Created 3 report pages, 1 containing a table visualization, 1 containing an aggregated count of the CustomerId, another containing QnA
6. Within the QnA Visualization, asked "Customer count", which outputted the correct value.
7. I tried "subscriber count" , as expected it outputted "HMMMMMMM... We didn't understand your question"

upvoted 3 times

  **berserkguts** 7 months, 3 weeks ago

10. Opened the Model View AGAIN, removed the SYNONYM at the TABLE LEVEL, then clicked the CustomerId FIELD, and inputted the SYNONYM "CustomerId = SubscriberId", . Closed it and now the QnA DOESNT OUTPUT ANY

So, I'm taking my answer back,

THE ANSWER IS "B"

upvoted 3 times

  **berserkguts** 7 months, 3 weeks ago

HERE'S THE INTERESTING PART

8. Opened the Model View, clicked the table, at the SYNONYM property, I inputted SUBSCRIBER. Closed it and now the QnA outputs the correct number

9. Opened the Model View AGAIN, removed the SYNONYM at the TABLE LEVEL, then clicked the CustomerId FIELD, and inputted the SYNONYM "CustomerId = Subscriber", . Closed it and now the QnA outputs the correct number

It works for both TABLE and CUSTOMERID level, BUT as stated in the warning of using synonyms at the TABLE level, to make it "safer", put the synonym at the CUSTOMERID level

upvoted 3 times

  **Databankforfree** 9 months, 1 week ago


C, because they asked if the user gonna ask "count of subscribers" so if you add it to the whole group I think it will provide confusion. B is effective but not efficient, while C is effective and efficient for the end user.

upvoted 4 times

  **fhqfhqh** 9 months, 2 weeks ago

This question was in the exam.

upvoted 8 times

  **shrikk** 7 months, 2 weeks ago



LoI Bro,U Are here to comment "This question was there in the exam" all the time😂

upvoted 11 times

  **johniedoe2** 4 months, 2 weeks ago


Isn't it a good thing to know if the questions were in fact on the exam?

upvoted 2 times

  **bpxgeek** 8 months, 3 weeks ago


finally all the question are there man ?

upvoted 1 times

  **PowerGuy1** 9 months, 3 weeks ago

I will go for C cause we want a synonym for the column not the table.

upvoted 3 times

  **sss20** 10 months, 3 weeks ago

option B was not there in the exam

upvoted 4 times

  **norly** 11 months, 3 weeks ago

Test and correct
upvoted 1 times

🗨️ 👤 **GraceZ** 1 year, 1 month ago

Tested C also is correct. To answer the specific question of customer amount, only need set synonym to the column: customer name.
upvoted 2 times

🗨️ 👤 **Amuzinde** 9 months, 1 week ago

<https://docs.microsoft.com/en-us/power-bi/natural-language/q-and-a-best-practices>

""Be careful when adding synonyms. Adding the same synonym to more than one column or table introduces ambiguity. Q&A uses context where possible to choose between ambiguous synonyms, but not all questions have sufficient context. For example, when your user asks "count the customers", if you have three things with the synonym "customer" in your model, the users might not get the answer they're looking for. In these cases, make sure the primary synonym is unique, as that's what is used in the restatement. It can alert the user to the ambiguity (for example, a restatement of "show the number of archived customer records"), hinting they might want to ask it differently".

upvoted 3 times

🗨️ 👤 **kalyhot** 1 year ago

but you want to minimize the size of model, and if you do it in column level you will have to add synonyms for other Fieds. So C works but B is better.

upvoted 5 times

🗨️ 👤 **LeSharo** 1 year, 1 month ago

Tested, synonym works in Q&A. Description does not work in Q&A. Answer B is correct.

upvoted 2 times

🗨️ 👤 **MBA_1990** 1 year, 2 months ago

B is correct

upvoted 4 times

HOTSPOT -

You are creating a Microsoft Power BI data model that has the tables shown in the following table.

Table name	Column name
Sales	SalesID
	ProductID
	DateKey
	SalesAmount
Products	ProductID
	ProductName
	ProductCategoryID
ProductCategory	ProductCategoryID
	CategoryName

The Products table is related to the ProductCategory table through the ProductCategoryID column.

You need to ensure that you can analyze sales by product category.

How should you configure the relationships from ProductCategory to Products? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Cardinality:

Cross-filter direction:

Answer Area

Correct Answer:

Cardinality:

Cross-filter direction:

Box 1: One-to-many -

Each ProductCategory can have many Products, while each Product belongs to exactly one ProductCategory.

Box 2: Both -

For One-to-many relationships, the cross filter direction is always from the "one" side, and optionally from the "many" side (bi-directional).

Note:

Cardinality type	Cross filter options
One-to-many (or Many-to-one)	Single Both
One-to-one	Both
Many-to-many	Single (Table1 to Table2) Single (Table2 to Table1) Both

Reference:

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-relationships-understand>

DubC Highly Voted 5 months ago

Answer: 1: many and Single
upvoted 62 times

🗨️ 👤 **cortado** 1 month ago

Agree with 1:many and Single.

Single filter flow would definitely satisfy the requirement - to analyse Sales data by Category - because the filter context will be passed along 'downstream' from Category via Product to Sales which then gives accurate filter context. This is the beauty of a snowflake schema and what makes it an efficient modelling style.

upvoted 4 times

🗨️ 👤 **Nurgul** 3 weeks, 4 days ago

Irrefragable answer! Thank you!

upvoted 1 times

🗨️ 👤 **Ashley090521** 2 months, 3 weeks ago

snowflake schema

upvoted 2 times

🗨️ 👤 **troydavidcook** 4 months, 4 weeks ago

Why Single? I was thinking both to filter back up to Sales?

upvoted 2 times

🗨️ 👤 **tvoremirov** 4 months, 3 weeks ago

What do you mean by "back"? Single will work that way:

If you put on matrix [CategoryName] in rows, filter propagation will filter 'Products' table and then 'Products' will filter 'Sales'. Thus you can analyze Sales by Categories.

upvoted 10 times

🗨️ 👤 **yo1233** 3 months ago

I test you solution it work perfectly and it show the amount of sales for each Product Category!

upvoted 1 times

🗨️ 👤 **Thong** Highly Voted 👍 5 months ago

1. One-to-many. Each product should belong to 1 category

2. Both. For One-to-many, the default direction is "Single" from the "one" side - which means from Category to Product. Additionally, we want to analyze Sales, and Sales table only contains ProductID. Thus we need extra direction from Product to Category.

upvoted 25 times

🗨️ 👤 **lhueghian** 4 months, 3 weeks ago

Totally agree, 1-Many and Both (because the relationship has to ensure that you can analyze sales by product category). PCategory-(Product)-Sales & Sales-(Product)-PCategory.

upvoted 5 times

🗨️ 👤 **powerbigranny** 3 months, 1 week ago

The requirement is to analyze sales by product category, meaning for each product category, we calculate sales. Hence, as we 'filter' each product category, we filter product and subsequently calculate sales.

There is no requirement to filter by product and display the corresponding product category.

upvoted 4 times

🗨️ 👤 **powerbigranny** 3 months, 1 week ago

Answer is one to many and single

upvoted 4 times

🗨️ 👤 **Anju5050** Most Recent 🕒 1 week, 1 day ago

you can say that

one to many -- Single

many to one --Both

one to one--Both

Many to Many -- Single /both

upvoted 1 times

🗨️ 👤 **Nurgul** 3 weeks, 4 days ago

The answer:

Cardinality: one-to-many

Cross-filter direction: single

Single filtering is enough, because the filter will flow from Category to Product, and from Product to Sales table. It's not recommended to use Both direction, because it can cause ambiguity.

upvoted 2 times

🗨️ 👤 **krycha1223** 1 month, 4 weeks ago

o2m, single

upvoted 2 times

🗨️ 👤 **kwanalytics** 2 months, 1 week ago

On exam Dec. 27, 2021 - answered One-to-many and Single

upvoted 3 times

🗨️ 👤 **PatrickStr** 2 months, 3 weeks ago



on exam 12/10/2021



upvoted 1 times



🗨️ 👤 **adbukavu** 2 months, 4 weeks ago



The answer is clearly explained in the diagram. Propagation.
one to many
single



<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-relationships-understand>
upvoted 5 times



  **Deodatto** 2 months, 3 weeks ago
this is the correct way for me too. one to many and single.
upvoted 3 times



  **jpybs** 3 months, 1 week ago
SOS.. Hello Guys, I Have a question, Can I open a word file with the answers during the exam certification?, becuae, yes I've learned but I would like to have support, I'm a little nervous for this
upvoted 1 times



  **Andrejkaa** 3 months, 1 week ago
No, you can not open.
upvoted 3 times



  **RowSwanson** 3 months, 2 weeks ago
Pretty sure it's 1 to many and Both. The relationship is on ProductCategoryID. ProductCategory has unique values there, Products won't (10 different products can all have the same Product Category). It has to be both because if you imagine the diagram, the arrows go from the 1 side to the many side, so if everything is single it's like Sales <-- Products --> ProductCategory. You need the Products --> ProductCategory to be Products <--> Product Category
upvoted 1 times

  **RowSwanson** 3 months, 2 weeks ago
nevermind I don't know what I was thinking, it's definitely Single
upvoted 3 times



  **essdeecce** 3 months, 2 weeks ago
1-* and single gets my vote too. This article discusses bi-directional relationships and it's hard to see how this case matches any of the patterns within it.
<https://docs.microsoft.com/en-us/power-bi/guidance/relationships-bidirectional-filtering>
upvoted 3 times



  **AppleVan** 3 months, 2 weeks ago
I think it should be
1:1 and both.....
For example,
1 customer can have many transaction. (1:many)
1 product can have only 1 product category, otherwise it would be a mess. Don't you think so? (1:1)
upvoted 1 times



  **AppleVan** 3 months, 2 weeks ago
No, wrong my bad...
It should be PC (many to 1)(P).....Single
upvoted 2 times



  **ihustle** 3 months, 4 weeks ago
This was demonstrated in the Udemy course training for this exam



Its "Many to Many" and "Both".
upvoted 1 times


  **ingie** 3 months, 3 weeks ago
But one product cannot belong to multiple categories?
upvoted 4 times

  **ihustle** 3 months, 2 weeks ago
Yes, its one to many, thanks for helping me see it differently
upvoted 1 times

  **kcwood94** 4 months, 3 weeks ago
On exam 10/14/21
upvoted 2 times

  **TramZz** 4 months, 3 weeks ago
I think the answer is : One-many, and Single. Because The relationship between Product table and Sale table is One-many with Single direction from Product to Sale. Next, The relationship between ProductCategory and Product is obviously one-many, and should be direction Single from ProductCategory to Product. That ways, the ProductCategory table will also filter the Sale table. Hence, we can calculate sale amount by product category id.
upvoted 8 times

  **_anela** 4 months, 1 week ago
I also agree with this. 1:*, Single is the best answer. Only single direction is needed for getting Sales by Product Category: ProductCategory > Products > Sales.
upvoted 1 times

  **AdsAdsAds** 4 months, 2 weeks ago

I agree - even the support link marks the tables as One to Many and Single! I have built several models as such and would never chose Both
For analysing products by category!

upvoted 1 times

  **duybach50** 5 months ago

many to one and single

upvoted 4 times

HOTSPOT -

You are creating an analytics report that will consume data from the tables shown in the following table.

Table name	Column name	Data type
Sales	sales_id	Integer
	sales_date	Datetime
	Customer_id	Integer
	sales_amount	Floating
	employee_id	Integer
	sales_ship_date	Datetime
	store_id	Varchar(100)
Employee	employee_id	Integer
	first_name	Varchar(100)
	last_name	Varchar(100)
	employee_photo	Binary

There is a relationship between the tables.

There are no reporting requirements on employee_id and employee_photo.

You need to optimize the data model.

What should you configure for employee_id and employee_photo? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Employee_id: ▼

- Change Type
- Delete
- Hide
- Sort

Employee_photo: ▼

- Change Type
- Delete
- Hide
- Sort

Answer Area

Correct Answer:

Employee_id: ▼

- Change Type
- Delete
- Hide
- Sort

Employee_photo: ▼

- Change Type
- Delete
- Hide
- Sort

Box 1: Hide -

Optimize data by hiding fields and sorting visualization data

Box 2: Delete -

The fastest way to optimize your Power BI report is to limit the number of columns to only the ones you need in your data model. Go through your tables in Power

Query and determine what fields are being used. Delete these columns if they are not being used in any of your reports or calculations.

Reference:

<https://tessellationtech.io/optimizing-power-bi-reports/>

noorul99 Highly Voted 6 months ago

hide employee ID as that is the field used to create the relationship between the two tables, you can delete employee photo as its not needed in the reporting

upvoted 45 times

kcwood94 Highly Voted 4 months, 3 weeks ago

On exam 10/14/21

upvoted 8 times

ihueghian 4 months, 2 weeks ago

Had this in my exam today 16/10

upvoted 5 times

HarvinderN Most Recent 3 weeks, 1 day ago

Hide and Delete

upvoted 1 times

Nurgul 3 weeks, 4 days ago

EmployeeID: hide

EmployeePhoto: delete

We hide EmployeeID from report page, but use it for relationship.

upvoted 1 times

PatrickStr 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

DBasu 3 months ago

hide and delete

upvoted 1 times

ALJOHN 3 months ago

Yes, PK = Primary Key

upvoted 1 times

shweta7122 4 months, 1 week ago

kcwood and ihueghian last login date is before their mentioned exam date...trying to trick?

upvoted 3 times

ellymee 4 months, 2 weeks ago

correct

upvoted 3 times

CertifiedPolarBee 5 months, 2 weeks ago

I am like deleting both and then realize I delete the PK LOL

upvoted 3 times

brut2l_Out_h3r3 5 months ago

What is PK?

upvoted 1 times

brut2l_Out_h3r3 5 months ago

Primary key?

upvoted 2 times

Kallandor 2 months ago

Yes brut2l_Out_h3r3!

upvoted 1 times

HOTSPOT -

You are creating a Microsoft Power BI model that has two tables named CityData and Sales.

CityData contains only the data shown in the following table.

State (CityData)	City	Population (million)
CA	Los Angeles	4.00
CA	San Francisco	0.90
New York	New York	8.50
WA	Seattle	0.70
WA	Spokane	0.20

Sales contains only the data shown in the following table.

State (Sales)	Type	Sales
CA	Internet	60
CA	Store	80
TX	Store	400
WA	Internet	150
WA	Store	100

CityData and Sales are related using a many-to-many relationship based upon the State column in each table.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
In the Sales table, you can write a DAX expression that uses the <code>RELATED ()</code> function to get data from the CityData table.	<input type="radio"/>	<input type="radio"/>
A DAX expression of <code>Sales total =CALCULATE (SUM (Sales [Sales]),All (Sales))</code> will produce the correct total sales value for each state, based on the data model.	<input type="radio"/>	<input type="radio"/>
A table visualization that uses <code>CityData [State]</code> and <code>Sales [Sales]</code> will contain sales from the state of TX.	<input type="radio"/>	<input type="radio"/>

Answer Area

Correct Answer:

Statements	Yes	No
In the Sales table, you can write a DAX expression that uses the <code>RELATED ()</code> function to get data from the CityData table.	<input checked="" type="radio"/>	<input type="radio"/>
A DAX expression of <code>Sales total =CALCULATE (SUM (Sales [Sales]),All (Sales))</code> will produce the correct total sales value for each state, based on the data model.	<input checked="" type="radio"/>	<input type="radio"/>
A table visualization that uses <code>CityData [State]</code> and <code>Sales [Sales]</code> will contain sales from the state of TX.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: Yes -

The Related function returns a related value from another table.

The RELATED function requires that a relationship exists between the current table and the table with related information. You specify the column that contains the data that you want, and the function follows an existing many-to-one relationship to fetch the value from the specified column in the related table. If a relationship does not exist, you must create a relationship.

Box 2: Yes -

Box 3: No -

TX only occurs in the Sales table, but not in the CityData table.

Reference:

<https://docs.microsoft.com/en-us/dax/related-function-dax>

<https://docs.microsoft.com/en-us/dax/calculate-function-dax>

🗨️ **MihaiM** Highly Voted 5 months, 3 weeks ago

No for all 3. =CALCULATE(SUM(Sales[Sales]),All(Sales)) produces the total sales for all the states and not for each state.

upvoted 54 times

🗨️ **alain2** 5 months, 3 weeks ago

Same example explained here:

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-many-to-many-relationships>

upvoted 9 times

🗨️ **lhueghian** 5 months, 2 weeks ago

After seeing this link, for me is NO, NO, YES...TX will sales and blanck population

upvoted 2 times

🗨️ **WW219** 2 months, 2 weeks ago

If you have really read tyhe article carefully, it says that:

"The major differences between relationships with a many-many cardinality and the more typical Many-1 relationships are as follows:

The values shown don't include a blank row that accounts for mismatched rows in the other table. Also, the values don't account for rows where the column used in the relationship in the other table is null."

So , no for the last one.

upvoted 3 times

🗨️ **Douna** 5 months, 1 week ago

Tested, last one id NO.

upvoted 3 times

🗨️ **IvyS** Highly Voted 5 months ago

The Answer is No, Yes,No

According to this link:

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-many-to-many-relationships>

1.The values shown don't include a blank row that accounts for mismatched rows in the other table. Also, the values don't account for rows where the column used in the relationship in the other table is null.

2.You can't use the RELATED() function, because more than one row could be related.

3.Using the ALL() function on a table doesn't remove filters that are applied to other, related tables by a many-to-many relationship.

First one is NO: you can not use RELATED function as it may related to more than one row

Second One is Yes: Even though you use ALL function it still can not remove the filter that are applied to other, you still can have the sales of each state rather than all states

Third One is NO: the visualisation will use CityData table which does not have TX thus the result won't have TX

upvoted 25 times

🗨️ **powerbigranny** 3 months, 1 week ago

Second one will be incorrect. Although the calculation for CA and WA will be correct, TX will not be shown so it isn't correct for TX.

upvoted 5 times

🗨️ **bilearner** 4 months, 3 weeks ago

I agree with your ans

upvoted 1 times

🗨️ **Dips90** 4 months, 3 weeks ago

For 1st one, is it not yes? If you see in question, its saying many to many relationship based upon States column. So that means, we can use RELATED(). isn't it?

upvoted 1 times

🗨️ **TalkingData** 4 months, 3 weeks ago

No - Yes - No. Tested, and agree with your answer. Explanation in the Microsoft documentation you've provided the link for is spot on.

Thanks.

upvoted 1 times

🗨️ **PrudenceK** Most Recent 3 days, 19 hours ago

On exam 03/01/2022, I answered NO, no, and no

upvoted 1 times

🗨️ **Anju5050** 1 week, 1 day ago

The major differences between relationships with a many-many cardinality and the more typical Many-1 relationships are as follows:

The values shown don't include a blank row that accounts for mismatched rows in the other table. Also, the values don't account for rows where the column used in the relationship in the other table is null.

You can't use the RELATED() function, because more than one row could be related.

Using the ALL() function on a table doesn't remove filters that are applied to other, related tables by a many-to-many relationship. In the preceding example, a measure that's defined as shown here wouldn't remove filters on columns in the related CityData table:

upvoted 1 times

🗨️ **Anuki** 1 month ago

The answer is No, Yes, No. Related is not used for many-to-many side of the relationship. 2. DAX expression works because a filtered context is active for states. 3. In the CityData table TX is not presented which is why you will not have anything to display in the report.

upvoted 3 times

🗨️ **96sudu** 1 month ago

1. NO

The related function does not work with Many to Many relationships.

So a Column / Measure created using RELATED function would return an error

2. NO

If we take the Sales[State] and SalesTotal, we will get the same grand total for all the states and not the specific state's total.

So it is incorrect. If we take CityData[State] and SalesTotal in a bar chart, we will get the correct totals BUT only for the common states. So TX (present only in the City take will not be shown) and New York (present only in the sales table will not be shown).

So using both methods, answer is NO.

3. NO

Again, the visuals will only contain common rows

upvoted 4 times

🗨️ **Prat12** 1 month, 1 week ago

Tested. No for all.

upvoted 1 times

🗨️ **MossChops** 1 month, 2 weeks ago

Tested: No-Yes-No.

Your table visual has to have the State & Population from CityData table & the Sales from Sales table. When you add the measure you get the same values as Sales.

However if you use the State from the Sales table, thereby getting your TX row, the measure returns 790 the total sales value per row.

upvoted 1 times

🗨️ **MossChops** 1 month, 1 week ago

Changing my answer to No-No-No. Alfred94's explanation is the best so far.

upvoted 1 times

🗨️ **Alfred94** 1 month, 3 weeks ago

No for All.

MS state clear this example here:

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-many-to-many-relationships#use-a-relationship-with-a-many-many-cardinality-instead-of-the-workaround>

The values shown don't include a blank row that accounts for mismatched rows in the other table. Also, the values don't account for rows where the column used in the relationship in the other table is null.

You can't use the RELATED() function, because more than one row could be related.

Using the ALL() function on a table doesn't remove filters that are applied to other, related tables by a many-to-many relationship. In the preceding example, a measure that's defined as shown here wouldn't remove filters on columns in the related CityData table:.....--> the total sales will be not correct.

upvoted 2 times

🗨️ **Meyti** 2 months, 1 week ago

for all options are "NO" is correct, according to following link:

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-many-to-many-relationships>

The major differences between relationships with a many-many cardinality and the more typical Many-1 relationships are as follows:

* The values shown don't include a blank row that accounts for mismatched rows in the other table. Also, the values don't account for rows where the column used in the relationship in the other table is null. (then option 1 is "NO", because of "...for each state...")

* You can't use the RELATED() function, because more than one row could be related. (then option 2 is "NO")

* Using the ALL() function on a table doesn't remove filters that are applied to other, related tables by a many-to-many relationship. In the preceding example, a measure that's defined as shown here wouldn't remove filters on columns in the related CityData table:

(Script example)

(then option 3 is also "NO")

upvoted 1 times

🗨️ **Thassika** 2 months, 1 week ago

no, yes , no

the first one should use relatedtable(citydata)

3, only shows CA &WA data

upvoted 1 times

🗨️ **TheTrueNiko** 2 months, 2 weeks ago

1st is NO and 3rd is NO

However the 2nd question is missing an information, it could be either depending on which table we use to display the state.

From the sales table it would be no, since it will display the total amount of sales for all states

But from the CityState table it would be yes and display the total for each state

upvoted 5 times

🗨️ **TapZxK** 2 months, 2 weeks ago

Just Tested this, and it's NO for all.

If in doubt test yourself will take you 5 min total.



Unfortunately, we are not allowed to add Screenshots here.

upvoted 2 times

  **PatrickStr** 2 months, 3 weeks ago



on exam 12/10/2021

upvoted 1 times

  **kaun** 2 months, 1 week ago

you got this question in exam. so, what is the answers?

upvoted 1 times

  **Tina377** 2 months, 3 weeks ago

tested. No No No



upvoted 2 times

  **DBasu** 3 months ago

No, No, No

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-many-to-many-relationships>

upvoted 2 times

  **lavl_01** 3 months, 3 weeks ago

=CALCULATE(SUM(Sales[Sales]),All(Sales)) produces the total sales for all states when you pull the state from the 'Sales' table (into a table visual for example). However, if you pull the state from the other table- the 'CityData' table- you will get sales for each state in the CityData table. Therefore, if the statement '"based on the data model"' in the second question means regardless of the table you pull the state from, then the answer is yes

upvoted 1 times

  **Linda55** 3 months ago

But the Sales Values for the Citydata States are calculated wheter you use the All(Sales) Filter or not.

And wouldn't you expect NY's Sales to be 0? Because it is not I would say that the second statement is wrong.

upvoted 1 times

DRAG DROP -

You build a report about warehouse inventory data. The dataset has more than 10 million product records from 200 warehouses worldwide.

You have a table named Products that contains the columns shown in the following table.

Column Name	Sample data
ProductDescription	Bikes > Mountain Bikes > Adventure Works > Super Carbon Bike > 26in wheels 42in frame
ProductCategory	Bikes
Manufacturer	Adventure Works
ProductSubcategory	Mountain Bikes
ProductSpecification	26in wheels 42in frame

Warehouse managers report that it is difficult to use the report because the report uses only the product name in tables and visuals. The product name is contained within the ProductDescription column and is always the fourth value.

You need to modify the report to support the warehouse managers requirement to explore inventory levels at different levels of the product hierarchy. The solution must minimize the model size.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Answer Area

Transform the ProductDescription column to contain only the text between the first and fourth > symbol.

Add the product hierarchy as an extra field in visuals where ProductDescription is used.

Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications.

Add a column named ProductName that contains only the text between the third and fourth > symbol in the ProductDescription column.

Create a product hierarchy of Manufacturer, ProductSpecifications, ProductName, ProductSubcategory, and ProductCategory.

Replace the use of ProductDescription in the report with the product hierarchy.

Add a column named ProductName that contains all the text after the third > symbol in the ProductDescription column.



Actions

Transform the ProductDescription column to contain only the text between the first and fourth > symbol.

Add the product hierarchy as an extra field in visuals where ProductDescription is used.

Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications.

Correct Answer:

Add a column named ProductName that contains all the text after the third > symbol in the ProductDescription column.

Answer Area

Add a column named ProductName that contains only the text between the third and fourth > symbol in the ProductDescription column.

Create a product hierarchy of Manufacturer, ProductSpecifications, ProductName, ProductSubcategory, and ProductCategory.

Replace the use of ProductDescription in the report with the product hierarchy.

Power BI Desktop supports the use of inline hierarchy labels. With inline hierarchy labels, you can see hierarchy labels as you expand visuals using the Expand

All feature.


Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-inline-hierarchy-labels>

 **DaveLaff** Highly Voted 6 months, 1 week ago

1. Add column named ProductName that contains only the text between the third and fourth > symbol in the ProductDescription column.
2. Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications.
3. Replace the use of ProductDescription in the report with the product hierarchy.

upvoted 90 times

 **mirzotti** 2 months, 2 weeks ago

On exam 21-12-2021

upvoted 2 times

 **HamzaAli** 4 months ago

But adding a column will increase the size of the model, and as mentioned in it requirement the solution must minimize the size of the model

upvoted 2 times

 **Linda55** 3 months ago

Transforming makes sense, but if you do so the column name would be still "ProductDescription". Thus, you can't use a column "ProductName" in the next steps...

upvoted 5 times

 **kiranshegde** Highly Voted 2 months, 3 weeks ago

1. Add a column named ProductName that contains only the text between the third and fourth > symbol in the ProductDescription column.
2. Create a product hierarchy of ProductCategory, ProductSubCategory, Manufacturer, ProductName, and ProductSpecifications
3. Replace the use of ProductDescription in the report with the product hierarchy

Of course adding a new column increases the model size, but this is the most relevant option out of the given options to solve the problem. The other option "Transform..." does not work, because it says, ".. to contain only the text between the FIRST and the FOURTH > symbol which leads to "Mountain Bikes > Adventure Works> Super Carbon Bike". Aslo as @Lindy55 mentioned, the column name will be still ProductDescription and does not match with the other answers

Product Hierarchy should start from ProductCategory, which is signified in the ProductDescription data. The other option "Create a product heierarchy of Manufacturer..." is not correct, becuase id niether flows from top to bottom or bottom to top as per the data of product description

upvoted 9 times

 **Shan** Most Recent 2 months ago

In exam 30/12/21

upvoted 1 times

 **kazwin01** 1 month, 2 weeks ago

Is the current answer correct ?

upvoted 1 times

 **Ihueghian** 4 months, 2 weeks ago

Had this in my exam today 16/10

upvoted 6 times

🗨️ **katherine_dawalk** 4 months, 2 weeks ago

add a new column will increase the model size. I think the 1st step is the 1st option: transform the productdescription column to contain only the 1-4 text.

upvoted 1 times

🗨️ **segma** 4 months, 3 weeks ago

eh what about The solution must minimize the model size.
shouldn't we just transform the 1st column instead of adding a new column?

upvoted 1 times

🗨️ **NargesRokni** 4 months, 4 weeks ago

on my opinion the answer can be correct because normally hierarchies start from top level. so it makes sense to have a hierarchy starting from manufacture, doesn't it? however I'm not sure

upvoted 1 times

🗨️ **sachabess79** 5 months, 3 weeks ago

Agreed with @DaveLaff. Nothing outlined about the number of distinct values in manufacturer.

upvoted 2 times

🗨️ **Nadiaa** 6 months ago

2 is Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications.
OR

Create a product hierarchy of Manufacturer, ProductSpecifications, ProductName, ProductSubcategory, and ProductCategory ???

upvoted 1 times

🗨️ **MiaLang** 6 months ago

I am a bit confused by the second step, where you create the hierarchy. I agree with @DaveLaff's order. It is the same as in ProductDescription, so it make sense to use it. But the answer says "Manufacturer, ProductSpecifications, ProductName, ProductSubCategory, and ProductCategory". Am I missing something or is the solution wrong?

upvoted 2 times

🗨️ **AdsAdsAds** 5 months, 2 weeks ago

The solution must be wrong as the request was for product hierarchy, not Manufacturer dim table - 2 different things, therefore would go with @DaveLaff answer :)

upvoted 3 times

🗨️ **Boualida100** 6 months ago

answer looks good !

upvoted 1 times

You have a query that returns the data shown in the following exhibit.

	student	classes
1	Mike A	Math, English, Art
2	Sam B	Physics
3	Kathy S	English, Math

You need to configure the query to display the data shown in the following exhibit.

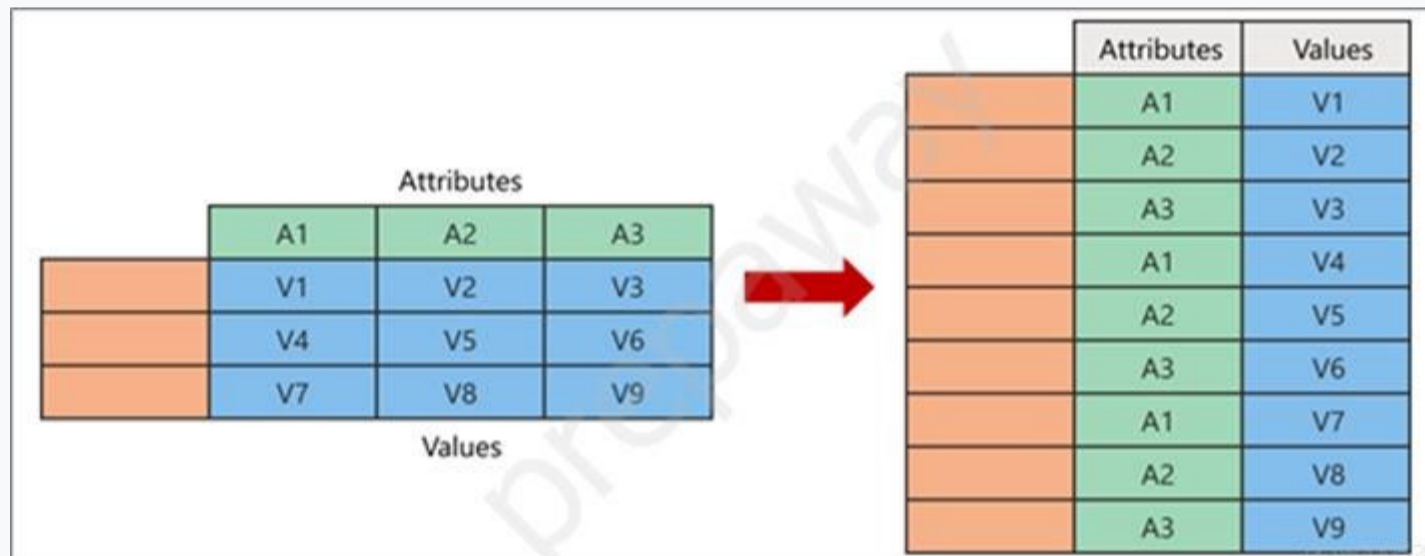
	student	classes
1	Mike A	Math
2	Mike A	English
3	Mike A	Art
4	Sam B	Physics
5	Kathy S	English
6	Kathy S	Math

Which step should you use in the query?

- A. = Table.SplitColumn(Source, "classes", Splitter.SplitTextByDelimiter(",", QuoteStyle.None), {"classes.1"})
- B. = Table.Unpivot(Source, {"classes"}, "Attribute", "Value")
- C. = Table.SplitColumn(Source, "classes", Splitter.SplitTextByPositions({10}), {"classes.1"})
- D. = Table.ExpandListColumn(Table.TransformColumns(Source, {"classes", Splitter.SplitTextByDelimiter(",", QuoteStyle.None), let itemType = (type nullable text) meta [Serialized.Text = true] in type {itemType}}), "classes")

Correct Answer: B

Power Query Unpivot columns: You might want to unpivot data, sometimes called flattening the data, to put it in a matrix format so that all similar values are in one column. This is necessary, for example, to create a chart or a report.



Note:

Syntax: Table.Unpivot(table as table, pivotColumns as list, attributeColumn as text, valueColumn as text) as table

Table.Unpivot translates a set of columns in a table into attribute-value pairs, combined with the rest of the values in each row.

Reference:

<https://docs.microsoft.com/en-us/power-query/unpivot-column>

<https://docs.microsoft.com/en-us/powerquery-m/table-unpivot>

Community vote distribution

D (100%)

Boualida100 Highly Voted 6 months ago

Answer is D (Tested) :

let

```
Source = Table.FromRecords({
    [student = "Mike", classes = "Math, English, Art"],
    [student = "Sam B", classes = "Physics"],
    [student = "Kathy S", classes = "English, Math"]
})
```

```
ResultQuery = Table.ExpandListColumn(Table.TransformColumns(Source, {"classes", Splitter.SplitTextByDelimiter(",", QuoteStyle.None), let itemType = (type nullable text) meta [Serialized.Text = true] in type {itemType}}), "classes")
```


in


```
ResultQuery
```


upvoted 70 times


mirzotti 2 months, 2 weeks ago

On exam 21-12-2021 answered B which is not correct. Unpivot works only on column and not on the values in the columns.
upvoted 5 times


 **Googlegen** 2 months, 2 weeks ago
I tested the expandlistcolumn expression and worked well..
upvoted 1 times


 **Sivakami** Highly Voted 6 months ago
Answer is D. Tested it.
upvoted 10 times


 **Nurgul** Most Recent 3 weeks, 2 days ago
Selected Answer: D
Tested this is correct!
upvoted 2 times


 **AlaaGamal** 1 month, 1 week ago
Selected Answer: D
<https://www.sumproduct.com/blog/article/power-query-blogs/power-query-rows-of-columns>
upvoted 2 times

 **AlaaGamal** 1 month, 1 week ago
<https://www.sumproduct.com/blog/article/power-query-blogs/power-query-rows-of-columns>
upvoted 1 times


 **hb009** 2 months ago
As per this link
<https://docs.microsoft.com/en-us/power-query/unpivot-column>
Answer should be B
upvoted 1 times


 **TheWholeGale** 2 months ago
I don't understand: Is there a reason why the answers are wrong, because it's easy to see that quite a few are.
upvoted 1 times


 **kblee** 2 months, 1 week ago
Answer is D
upvoted 1 times


 **smario** 2 months, 2 weeks ago
Selected Answer: D
D is right
tested in power bi


steps for testing.
create a excel file as shown in question.
load the sheet and name the query as Source and columns same as questions
then new source blank query and type D option there, we will get the desired output
upvoted 4 times


 **Fuulhouse** 2 months, 2 weeks ago
Tested it. D is the answer.
upvoted 1 times


 **HamzaAli** 3 months, 2 weeks ago
I am unble to execute this query dont know why
upvoted 1 times

 **WW219** 2 months, 2 weeks ago
I was able to excute it and got what was expected.
Just make sure that the column names are exactly the same as shown in the question.
upvoted 1 times

 **Bhalukchua** 4 months, 2 weeks ago
D is correct. I have tested it.
upvoted 1 times

 **nowwin** 5 months, 1 week ago
question in exam on 18th September
upvoted 5 times

 **lhueghian** 4 months, 2 weeks ago
I had this in my Exam 17/10
upvoted 3 times

 **pbrit** 4 months ago
Hi lhueghian, please how many questions are there in the exams and for how many minutes?
upvoted 1 times

🗨️ 👤 **jiggybrain** 4 months ago

didn't you write your exam on 16/10 ??

upvoted 3 times

🗨️ 👤 **haulq** 5 months, 2 weeks ago

D is correct, tested

upvoted 1 times

🗨️ 👤 **datanerd99** 5 months, 3 weeks ago

I just tried myself - D is the correct answer

upvoted 1 times

🗨️ 👤 **Dizzystar** 5 months, 4 weeks ago

Tested it as wel. A is closest > = `Table.TransformColumnTypes("#Split Column by Delimiter",{"Classes", type text})`

upvoted 1 times

🗨️ 👤 **priss** 5 months, 3 weeks ago

A : only enables to create ONE column (named Classes.1) so you will only keep the first class for each student (math for Mike, Physics for Sam and English for Kathy)

upvoted 1 times

🗨️ 👤 **Nadiaa** 6 months ago

Answer is D or A ?

upvoted 3 times

You have files sales regions. Each region is assigned a single salesperson.

You have an imported dataset that has a dynamic row-level security (RLS) role named Sales. The Sales role filters sales transaction data by salesperson.

Salespeople must see only the data from their region.

You publish the dataset to powerbi.com, set RLS role membership, and distribute the dataset and related reports to the salespeople.

A salesperson reports that she believes she should see more data.

You need to verify what data the salesperson currently sees.

What should you do?

- A. Use the Test as role option to view data as the salesperson's user account.
- B. Instruct the salesperson to open the report in Microsoft Power BI Desktop.
- C. Filter the data in the reports to match the intended logic in the filter on the sales transaction table.
- D. Use the Test as role option to view data as the Sales role.

Correct Answer: D

Validate the roles within Power BI Desktop

1. After you've created your roles, test the results of the roles within Power BI Desktop.

From the Modeling tab, select View as.



The View as roles window appears, where you see the roles you've created.



2. Select a role you created, and then select OK to apply that role.

The report renders the data relevant for that role.

3. You can also select Other user and supply a given user.



4. Select OK.

The report renders based on what that user can see.

Reference:

<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>

Community vote distribution

A (100%)

sunray3 Highly Voted 6 months, 1 week ago

A is correct.
upvoted 49 times

_anela 4 months, 1 week ago

I'll go with A. Use the Test as role option to view data as the salesperson's user account.

<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>

"Test other roles, or a combination of roles, by selecting Now viewing as. You can choose to view data as a specific person or you can select a combination of available roles to validate they're working."


Therefore, specific account must be tested as issue is raised by a specific user.

upvoted 4 times

  **mirzotti** 2 months, 2 weeks ago



On exam 21-12-2021. I answered A

upvoted 2 times

  **jakhnidhi** 5 months, 3 weeks ago

No, we can test it from our account as well.

upvoted 1 times

  **Ihueghian** 5 months, 3 weeks ago

So, is both A & D, or just D?

upvoted 3 times

  **Ulrica** Highly Voted 5 months, 3 weeks ago

The question said 'The Sales role filters sales transaction data by salesperson.', so even in a same role, different salesperson can see different data.

Therefore, A is correct. The specific salesperson's account is needed to find out what data he or she actually can view.

upvoted 16 times

  **Ihueghian** 4 months, 3 weeks ago

My thought. The problem is not the Sales role (this role include Salepeople) but the Salesperson account who complained.

upvoted 1 times

  **VR31** Most Recent 3 weeks ago

Selected Answer: A

The Sales role filters 'sales transaction data by salesperson' and this data is being viewed by all sales person. In order to ensure each sales person can view assigned data it is essential to test 'view data as sales person's account'. Therefore, A is correct.


upvoted 1 times

  **Nurgul** 3 weeks, 2 days ago

Selected Answer: A

A is correct, I've tested

upvoted 1 times

  **SirDrizzle** 2 months, 1 week ago

Dynamic row - level security. Its definitely A;

Use the Test as role option to view data as the salesperson's user account.

upvoted 2 times

  **haepoeg** 2 months, 2 weeks ago

A. Use the Test as role option to view data as the salesperson's user account.

upvoted 2 times

  **WW219** 2 months, 2 weeks ago

Selected Answer: A

It's not that every salesperson are reporting the same issue.

So in order to check what that particular salesperson can see, we must "view as the salesperson's account."

upvoted 4 times

  **jsierajewski** 3 months, 1 week ago

Selected Answer: A

A is correct'er. :D

upvoted 2 times

  **HamzaAli** 3 months, 2 weeks ago

A is correct.

upvoted 2 times

  **anupuchak** 4 months, 1 week ago

can someone please update the final correct answer?

upvoted 1 times

  **Ihueghian** 4 months, 2 weeks ago

I had this in my Exam 16/10 and I went for A

upvoted 4 times

  **bilearner** 4 months, 3 weeks ago

i think D is correct as a salesperson will be assigned to sales role. he will see the data associated with the sales role.

Data is displayed based on role not user. user is only associated to the role

<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>

upvoted 2 times

  **datguymhb** 5 months ago

A solves the issue completely. Also you'll notice the explanation shows how D and A are solutions.

upvoted 1 times

  **madyjoe21** 5 months, 1 week ago

I believe the answer is A because when you use the user email you are testing the account and not the role.

upvoted 3 times

  **Jnav777** 5 months, 1 week ago

I would think it's A considering you need to verify what they are CURRENTLY seeing. You are not trying to verify what they SHOULD be seeing.

upvoted 3 times

  **haulq** 5 months, 2 weeks ago

D is correct, A just can only be used in PB desktop

upvoted 4 times

  **SD6812** 5 months, 1 week ago

It's not correct. Test as role can be used in Power BI Service too <https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls#validating-the-role-within-the-power-bi-service>. A is correct.

upvoted 2 times

  **Naveed7991** 5 months, 3 weeks ago

what's the right answer?

upvoted 1 times

HOTSPOT -

You are creating a quick measure as shown in the following exhibit.

Quick measures

Calculation

Rolling average

Calculate the average of base value over a certain number of periods before and/or after each date.

[Learn more](#)

Base value

Add data fields here

Date

Add data fields here

Period

Days

Periods before

1

Periods after

0

Fields

Search

- Customer
- Product
- Sales
- Date
- Gross Margin
- Month
- MonthNumberOfYear
- Quarter
- Sales_SRC
- Time Intelligence
- Total Cost
- Total Order Qty
- Total Sales
- Total Sales rolling average
- Unit Price
- Year

You need to create a monthly rolling average measure for Sales over time.

How should you configure the quick measure calculation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Base value:

▼
Month
Total Cost
Total Order Qty
Total Sales
Year

Date:

▼
Date
Month
Total Sales
Year

Period:

▼
Days
Months
Quarters
Years

Answer Area

Base value: ▼

Month
Total Cost
Total Order Qty
Total Sales
Year

Correct Answer:

Date: ▼

Date
Month
Total Sales
Year

Period: ▼

Days
Months
Quarters
Years

Box 1: Total Sales -

We select the field Total Sales -

Box 2: Date -

Select a date field.

Box 3: Month -


Monthly periods.

Reference:

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-quick-measures>

 **MBA_1990** Highly Voted 1 year, 2 months ago


The answer is correct
upvoted 61 times

 **mirzotti** 2 months, 2 weeks ago

On exam 21-12-2021. I answered the same.
upvoted 4 times

 **Georgerak** Highly Voted 11 months ago

Just a comment. The Period "Days" refers to the default value. It is irrelevant to the question (just not to be confused)
upvoted 11 times

 **Shan** Most Recent 2 months ago

In exam 30/12/21
upvoted 1 times

 **kwanalytics** 2 months, 1 week ago

On exam Dec. 27, 2021 - answered same as provided answer here
upvoted 1 times

 **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.
my answers:
Total Sales
Date
Months
upvoted 4 times

 **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.
upvoted 8 times

 **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.
upvoted 4 times

 **prinzy1** 4 months, 1 week ago

How many questions I?
upvoted 1 times

🗨️ 👤 **Ashud1** 7 months, 1 week ago

Create Quick Measure always helps in creating the Calculation (if you are learning DAX)

Question needed Avg Sales over Month. Hence

Base Values = Total Sales

Date = Date (Knowing the date Lookup)

Period = Months (As Month is required)

upvoted 5 times

🗨️ 👤 **PenniWize** 9 months, 1 week ago

I agree with the solution

upvoted 3 times

🗨️ 👤 **jerryl** 1 year, 2 months ago

the setup shows that "period before" is 1 and "period after" is 0

so should that sound more reasonable to be rolling by year (if the requirement is rolling by 12 month)?

upvoted 2 times

🗨️ 👤 **Tarek007** 1 year, 1 month ago

the answer is correct .

The 1 in "Periods before" means that we take one previous month to calculate the average of the current month , to calculate the average :

(Current month +(current month -1)) / 2

upvoted 15 times

🗨️ 👤 **NargesRokni** 4 months, 4 weeks ago

Thank you

upvoted 1 times

🗨️ 👤 **jerryl** 1 year, 1 month ago

thanks for explanation

upvoted 1 times

🗨️ 👤 **jerryl** 1 year, 2 months ago

ok i think the answer is correct, but only if the "period before" is set to 12

upvoted 1 times

🗨️ 👤 **AzureRookie** 1 year, 2 months ago

Correct Answer. Tested in power BI

upvoted 2 times

🗨️ 👤 **hrahah** 1 year, 2 months ago

correct answer

upvoted 2 times

🗨️ 👤 **Ruggero** 1 year, 3 months ago

is correct all

upvoted 4 times

🗨️ 👤 **zac874997967** 1 year, 4 months ago

Why there are no comments for this question

upvoted 3 times

🗨️ 👤 **volatilityshort** 1 year, 4 months ago

I think because this question is pretty straightforward.

upvoted 11 times

You have four sales regions. Each region has multiple sales managers.

You implement row-level security (RLS) in a data model. You assign the relevant mail-enabled security group to each role.

You have sales reports that enable analysis by region. The sales managers can view the sales records of their region. The sales managers are prevented from viewing records from other regions.

A sales manager changes to a different region.

You need to ensure that the sales manager can see the correct sales data.

What should you do?

- A. Change the Microsoft Power BI license type of the sales manager.
- B. From Microsoft Power BI Desktop, edit the Row-Level Security setting for the reports.
- C. Request that the sales manager be added to the correct Azure Active Directory group.
- D. Manage the permissions of the underlying dataset.

Correct Answer: C

Using AD Security Groups, you no longer need to maintain a long list of users.

All that you will need to do is to put in the AD Security group with the required permissions and Power BI will do the REST! This means a small and simple security file with the permissions and AD Security group.

Note: Configure role mappings -

Once published to Power BI, you must map members to dataset roles.

Members can be user accounts or security groups. Whenever possible, we recommend you map security groups to dataset roles. It involves managing security group memberships in Azure Active Directory. Possibly, it delegates the task to your network administrators.

Reference:

<https://www.fourmoo.com/2018/02/20/dynamic-row-level-security-is-easy-with-active-directory-security-groups/>

<https://docs.microsoft.com/en-us/power-bi/guidance/rls-guidance>

Community vote distribution

C (100%)

 **DaveLaff** Highly Voted 6 months ago

Correct: C

upvoted 21 times

 **John_Samwani** Most Recent 1 week, 1 day ago

Selected Answer: C

C is correct.


upvoted 1 times

 **BKA13** 1 month, 2 weeks ago

Selected Answer: C

C is the best solution

upvoted 2 times

 **mirzotti** 2 months, 2 weeks ago

On exam 21-12-2021. I'm not sure if the correct answer is in this list.

upvoted 1 times

 **HP007** 5 months ago

C is right

upvoted 1 times

 **TapZxK** 5 months, 2 weeks ago

so what would be the next option from the answers provided if AD wouldn't be an option ?

upvoted 2 times

 **Ihueghian** 4 months, 3 weeks ago

I would say B, if C wasn't provided

upvoted 2 times

 **Ihueghian** 4 months, 2 weeks ago

I had this in my Exam 17/10

upvoted 2 times

DRAG DROP -

You have a Microsoft Power BI data model that contains three tables named Sales, Product, and Date.

The Sales table has an existing measure named [Total Sales] that sums the total sales from the Sales table.

You need to write a calculation that returns the percentage of total sales that a selected ProductCategoryName value represents. The calculation must respect any slicers on ProductCategoryName and must show the percentage of visible total sales. For example, if there are four ProductCategoryName values, and a user filters one out, a table showing ProductCategoryName and the calculation must sum up to 100 percent. How should you complete the calculation? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Values**Answer Area**

- ALL
- ALLSELECTED
- CALCULATE
- CALCULATETABLE
- CURRENTGROUP
- DIVIDE
- SUMMARIZE
- TOPN

Product Category % of Total 2 =
 ([Total Sales],
 ([Total Sales] ,
 (
 Product [ProductCategoryName])))

Values**Answer Area**

Correct Answer:

- ALL
- ALLSELECTED
- CALCULATE
- CALCULATETABLE
- CURRENTGROUP
- DIVIDE
- SUMMARIZE
- TOPN

Product Category % of Total 2 =
 CALCULATE ([Total Sales],
 DIVIDE ([Total Sales] ,
 ALLSELECTED (
 Product [ProductCategoryName])))

Box 1: CALCULATE -

CALCULATE evaluates an expression in a modified filter context.

Box 2: DIVIDE -

As a data modeler, when you write a DAX expression to divide a numerator by a denominator, you can choose to use the DIVIDE function or the divide operator (/ - forward slash).

When using the DIVIDE function, you must pass in numerator and denominator expressions.

Box 3: ALLSELECTED -

ALLSELECTED removes context filters from columns and rows in the current query, while retaining all other context filters or explicit filters. The ALLSELECTED function gets the context that represents all rows and columns in the query, while keeping explicit filters and contexts other than row and column filters. This function can be used to obtain visual totals in queries.

Example:

```
measure 'Reseller Sales'[Reseller Visual Total]=calculate(sum('Reseller Sales'[Sales Amount]), ALLSELECTED())
```

Reference:

<https://docs.microsoft.com/en-us/dax/allselected-function-dax>

☒ **Sunny93** Highly Voted 1 year, 5 months ago
Correct answer is - Divide, Calculate, AllSelected.
upvoted 239 times

☒ **mirzotti** 2 months, 2 weeks ago
On exam 21-12-2021. I answered the same.
upvoted 1 times

☒ **dlring** 6 months, 2 weeks ago
Agree. [Total Sales] is an existing measure in Sales Table that sums the total sales
upvoted 2 times

☒ **Canary_2021** 8 months, 3 weeks ago
Agree! This is the correct answer.
upvoted 3 times

☒ **Zakriya** 10 months, 1 week ago
yes, this is correct answer
upvoted 2 times

☒ **VR1** Highly Voted 1 year, 5 months ago
Divide, Calculate, AllSelected
upvoted 24 times

☒ **Shan** Most Recent 2 months ago
In exam 30/12/21
upvoted 1 times

☒ **kwanalytics** 2 months, 1 week ago
On exam Dec. 27, 2021 - answered same with Divide, Calculate, AllSelected
upvoted 2 times

☒ **Thassika** 2 months, 1 week ago
Answer is - Divide, Calculate, AllSelected. please see below
product%oftotal2 = DIVIDE([Total Sales],CALCULATE([Total Sales],ALLSELECTED(SA[Product Category Name]])))
upvoted 2 times

☒ **aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
my answers:
DIVIDE
CALCULATE
ALLSELECTED
upvoted 4 times

☒ **nugi12** 4 months, 1 week ago
wait why is calculate not the first one?
upvoted 2 times

☒ **Googlegen** 2 months, 2 weeks ago
Example shown in MS documentation.

Revenue % Total Channel =
DIVIDE(
SUM(Sales[Sales Amount]),
CALCULATE(SUM(Sales[Sales Amount]),REMOVEFILTERS('Sales Order'[Channel]))
)
)
upvoted 1 times

☒ **Linda55** 3 months ago
Calculate is needed for the calculation of Total Sales with the Allselected-Filter. Only after having both calculated, the Total Sales and the Total Sales with the Allselected-Filter you divide the first by the second.
upvoted 1 times

☒ **bilearner** 4 months, 3 weeks ago
ans is Divide,calculate,AllSelected
upvoted 1 times

☒ **nowwin** 5 months, 1 week ago
question in exam on 18th September
upvoted 3 times

☒ **lhueghian** 4 months, 2 weeks ago
I had this in my Exam 16/10
upvoted 2 times

☒ **Hope2000** 6 months, 2 weeks ago
The correct answer is DIVIDE, CALCULATE, ALLSELECTED

upvoted 2 times

🗨️ 👤 **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 3 times

🗨️ 👤 **Ashud1** 7 months, 1 week ago
#1 .Divide : Question is seeking % of Total Sales Hence Divide
#2. Calculate : To return the expression on modified filter context
#3. All Selected : To provide the filter argument to calculate function
upvoted 12 times

🗨️ 👤 **NargesRokni** 4 months, 4 weeks ago
Thank you
upvoted 1 times

🗨️ 👤 **Popxm** 7 months, 1 week ago
+ 1
Correct answer is - Divide, Calculate, AllSelected
upvoted 3 times

🗨️ 👤 **tramynt** 7 months, 1 week ago
I did a test.
Divide --> Calculate --> Allselected.
upvoted 3 times

🗨️ 👤 **bunilggg** 7 months, 3 weeks ago
Divide, Calculat, allselected
upvoted 2 times

🗨️ 👤 **proffesore** 8 months, 2 weeks ago
Correct answer is - Divide, Calculate, AllSelected.
Also the calculation needs to include SUM like SUM[TotalSales]
upvoted 2 times

🗨️ 👤 **Andyjazz** 8 months, 1 week ago
TotalSales is already a meausure of sum of sales.
upvoted 1 times

🗨️ 👤 **Massy** 8 months, 3 weeks ago
You are all wrong my friends, because you have to divide the sales of the single category (munerator) by the total sales (denominator), so the last part can't be ALLSELECTED, you will have 100% always. It'd DIVIDE - CALCULATE - ALL
upvoted 4 times

🗨️ 👤 **Massy** 8 months, 3 weeks ago
sorry, I'M totally wrong... "The calculation must respect any slicers on ProductCategoryName and must show the percentage of visible total sales". So DIVIDE - CALCULATE - ALLSELECTED is correct
upvoted 11 times

You have sales data in a star schema that contains four tables named Sales, Customer, Date, and Product. The Sales table contains purchase and ship dates.

Most often, you will use the purchase date to analyze the data, but you will analyze the data by both dates independently and together.

You need to design an imported dataset to support the analysis. The solution must minimize the model size and the number of queries against the data source.

Which data modeling design should you use?

- A. Use the Auto Date/Time functionality in Microsoft Power BI and do NOT import the Date table.
- B. Duplicate the Date query in Power Query and create active relationships between Sales and both Date tables in the modeling view.
- C. On the Date table, use a reference query in Power Query and create active relationships between Sales and both Date tables in the modeling view.
- D. Import the Date table twice in Power Query and create active relationships between Sales and both Date tables in the modeling view.

Correct Answer: D

Microsoft recommends defining active relationships whenever possible. They widen the scope and potential of how your model can be used by report authors, and users working with Q&A.

Refactoring methodology (example): Here's a methodology to refactor a model from a single role-playing dimension-type table, to a design with one table per role.

1. Remove any inactive relationships.
2. Consider renaming the role-playing dimension-type table to better describe its role. In the example, the Airport table is related to the ArrivalAirport column of the Flight table, so it's renamed as Arrival Airport.
3. Create a copy of the role-playing table, providing it with a name that reflects its role. If it's an Import table, we recommend defining a calculated table. If it's a DirectQuery table, you can duplicate the Power Query query.

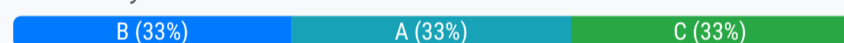
Only one relationship can be active.

Note: If you query two or more tables at the same time, when the data is loaded, Power BI Desktop attempts to find and create relationships for you. The relationship options Cardinality, Cross filter direction, and Make this relationship active are automatically set.

Reference:

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-create-and-manage-relationships> <https://docs.microsoft.com/en-us/power-bi/guidance/relationships-active-inactive>

Community vote distribution



k0s Highly Voted 5 months, 3 weeks ago

there is something wrong in this question ! I think they removed the correct answer wich is :
"Create an active relationship between Sales and Date for the purchases date and an inactive relationship for the ship date."
upvoted 38 times

adbukavu 2 months, 4 weeks ago

no because you need to use both fields in combination. this only works when no combination is needed
upvoted 2 times

kelvintoys93 Highly Voted 5 months, 3 weeks ago

This question has been updated. It previous had an E - Create an active relationship between Sales and Date for the purchase date and an inactive relationship for the ship date, which was the correct answer.
upvoted 16 times

lavl_01 3 months, 3 weeks ago

But in this case we wouldnt be able use the ship date and purchase date at the same time as the question asks to. The previous E option should have mentioned the use of the USERELATIONSHIP function? otherwise, it would not be correct
upvoted 3 times

troydavidcook 4 months, 4 weeks ago

That answer would have seemed much more obvious!
upvoted 1 times

Tiboterham Most Recent 2 weeks ago

Selected Answer: C

The question states: "... minimize model size AND queries against source ...". Referencing the Date table only makes a copy of the end result of the original. This means there only is one query to query the original from the source. And the reference does not add to the model size.
upvoted 2 times

🗨️ **96sudu** 1 month ago

Option C: Create a reference query. It will allow you to create visual with both date columns and it will also not eat up memory since it's a reference query and not a duplicate one

upvoted 2 times

🗨️ **smario** 2 months, 2 weeks ago

D. Create an active relationship between Sales and Date for the purchase date and an inactive relationship for the ship date.

upvoted 1 times

🗨️ **padvd** 2 months, 2 weeks ago

Answer C is correct, why?

B and D are both duplicating the Date table in the dataset to produce the other role playing Date table. This does not meet the requirement : "The solution must minimize the model size and the number of queries against the data source."

However, if you use a query that references the result of the original Data table M query there is only one copy of the Date data (and no additional queries against the datasource need to fire).

Within the Power Query Editor create a Blank Query for the other role playing Data table and use the query below :

let

Source = #"Date"

in

Source

upvoted 7 times

🗨️ **Eliesun** 2 months, 3 weeks ago

Selected Answer: A

"The Sales table contains purchase and ship dates". I think this means that we don't need a relationship, as all of the necessary variables are in one and the same table (Sales). So in order to improve the model, we could only use this one table and not create a date table.

upvoted 2 times

🗨️ **Tina377** 2 months, 3 weeks ago

I think it's B. I tested B,C,D

upvoted 1 times

🗨️ **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

🗨️ **donimu** 2 months, 3 weeks ago

D is correct it minimizes the datamodel

upvoted 1 times

🗨️ **adbukavu** 2 months, 4 weeks ago

I would chose B

1.- Imported table

2.- The shipping date needs to be used in combination

Create a copy of the role-playing table, providing it with a name that reflects its role. If it's an Import table, we recommend defining a calculated table. If it's a DirectQuery table, you can duplicate the Power Query query

<https://docs.microsoft.com/en-us/power-bi/guidance/relationships-active-inactive>

upvoted 3 times

🗨️ **Linda55** 3 months ago

Neither referencing nor duplicating nor importing twice do reduce the modelsize or the number of queries?

upvoted 2 times

🗨️ **Linda55** 3 months ago

Edit: Only A would minimize the data size model. Whereas there is no difference between B, C and D.

upvoted 2 times

🗨️ **Amsterliese** 1 month, 3 weeks ago

No, it doesn't. If you use the time intelligence and no custom date table, Power BI creates a hidden date table for all date columns, which adds to the data size

upvoted 1 times

🗨️ **Linda55** 1 month, 1 week ago

You're right, I got a little confused. But in the end, the number of queries is least with option A.

upvoted 1 times

🗨️ **Sangeethasuresh** 3 months ago

Is it B or D ?

upvoted 1 times

🗨️ **Sandrea** 3 months, 1 week ago

I would choose C. The reference does not load the data twice but works similar to loading the data twice. Same result as D but less data transfer...



upvoted 5 times

🗨️ **kludio92** 3 months, 2 weeks ago

Selected Answer: B



If what "lhueghian" says ("had this in my Exam 16/10 option D in the Exam was Create an active relationship between Sales and Date for the purchase date and an inactive relationship for the ship date") is real, the correct answer can be only B

upvoted 2 times

  **lavl_01** 3 months, 3 weeks ago

solution D say . Import the Date table twice in Power Query but why do we need to do it twice? according to the question, there is already a date table in the model, so we would only need to import the date table once?

upvoted 1 times

  **lavl_01** 3 months, 3 weeks ago

do we assume that the auto time intelligence is disabled for B,C and D?

upvoted 1 times

You have a sales system that contains the tables shown in the following table.

Table name	Column name
Sales	sales_ID
	sales_date
	sales_amount
Date	DateID
	Month
	Week
	Year

The Date table is marked as a date table. DateID is the date data type.

You need to create an annual sales growth percentage measure.

Which DAX expression should you use?

- A. `SUM(sales[sales_amount]) - CALCULATE(SUM(sales[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))`
- B. `(SUM(λ€~Salesλ€™[sales_amount]) - CALCULATE(SUM(λ€~Salesλ€™[sales_amount]), SAMEPERIODLASTYEAR(λ€~Dateλ€™[DateID]))) / CALCULATE(SUM(λ€~Salesλ€™[sales_amount]), SAMEPERIODLASTYEAR(λ€~Dateλ€™[DateID]))`
- C. `CALCULATE(SUM(sales[sales_amount]), DATESYTD(λ€~Dateλ€™[DateID]))`
- D. `CALCULATE(SUM(sales[sales_amount]), SAMEPERIODLASTYEAR(λ€~Dateλ€™[DateID]))`

Correct Answer: B

SAMEPERIODLASTYEAR returns a table that contains a column of dates shifted one year back in time from the dates in the specified dates column, in the current context.

Reference:

<https://docs.microsoft.com/en-us/dax/sameperiodlastyear-function-dax>

Community vote distribution

B (100%)

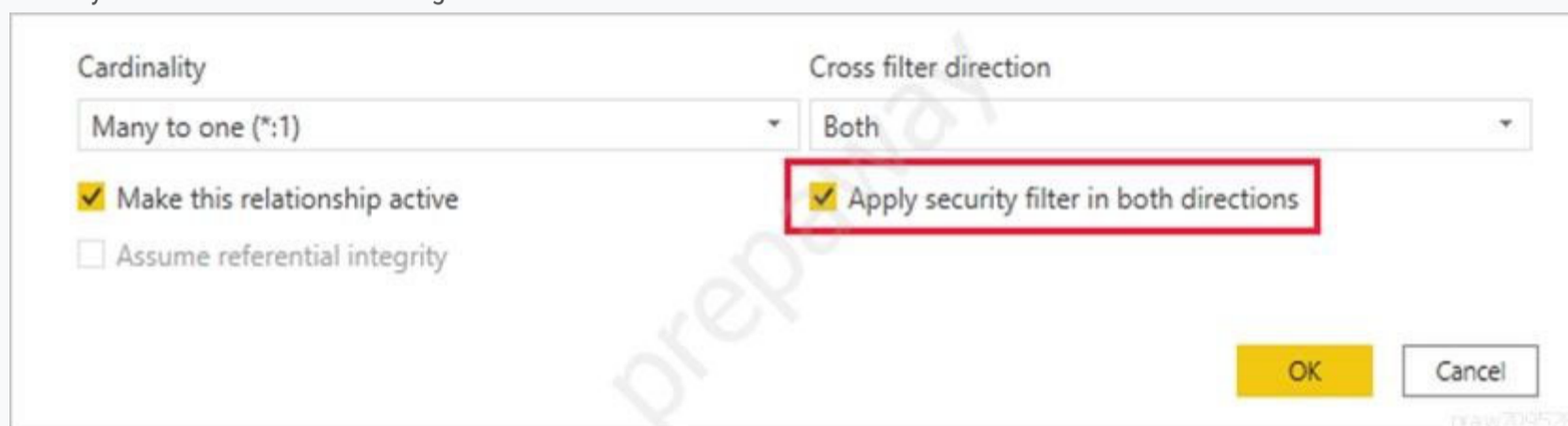
- 4n1m3** Highly Voted 5 months, 1 week ago
Correct Answer is B.
upvoted 17 times
- Chaskon** Most Recent 1 week, 5 days ago
Percentages always rely on DIVIDE function or / operator. It's B
upvoted 1 times
- Treschla** 1 month, 1 week ago
Selected Answer: B
It's B.
But it would be an even better solution to use a variable for the sales of the last year.
upvoted 2 times
- kcwood94** 4 months, 3 weeks ago
On exam 10/14/21
upvoted 1 times
- bilearner** 4 months, 3 weeks ago
question to create annual sales growth % measure. so it needs a divide operator. so option B is correct
upvoted 3 times
- bilearner** 4 months, 3 weeks ago
ans could be B
upvoted 1 times
- SvetlankaP99** 4 months, 3 weeks ago
Correct A - `SUM(sales[sales_amount]) - CALCULATE(SUM(sales[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))`
upvoted 2 times
- mathanmuthu** 4 months, 2 weeks ago
No answer is B.
upvoted 1 times
- SvetlankaP99** 3 months, 3 weeks ago
Yes, you are right. It was my fault, I don't read the question properly. The right answer B
upvoted 3 times

In Power BI Desktop, you are building a sales report that contains two tables. Both tables have row-level security (RLS) configured. You need to create a relationship between the tables. The solution must ensure that bidirectional cross-filtering honors the RLS settings. What should you do?

- A. Create an active relationship between the tables and select Assume referential integrity.
- B. Create an inactive relationship between the tables and select Assume referential integrity.
- C. Create an inactive relationship between the tables and select Apply security filter in both directions.
- D. Create an active relationship between the tables and select Apply security filter in both directions.

Correct Answer: D

By default, row-level security filtering uses single-directional filters, whether the relationships are set to single direction or bi-directional. You can manually enable bi-directional cross-filtering with row-level security by selecting the relationship and checking the Apply security filter in both directions checkbox. Select this option when you've also implemented dynamic row-level security at the server level, where row-level security is based on username or login ID.



Cardinality: Many to one (*:1)

Cross filter direction: Both

Make this relationship active

Assume referential integrity

Apply security filter in both directions






OK Cancel

Reference:

<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>

Community vote distribution

D (100%)

-  **4n1m3** Highly Voted 5 months, 1 week ago
Correct Answer is D.
upvoted 23 times
-  **Linda55** Most Recent 1 month, 2 weeks ago
Selected Answer: D
D is correct
upvoted 2 times
-  **Shan** 2 months ago
In exam 30/12/21
upvoted 1 times
-  **aykhazri** 3 months, 1 week ago
Correct Answer is D
upvoted 1 times
-  **marianides** 4 months ago
Agree with D.
upvoted 1 times

You have a Power BI dataset that contains a table named Temperature Readings. Temperature Readings contains the columns shown in the following table.

Name	Data type	Value example
DateTime	DateTime	4-Aug-2020 13:30:01
Longitude	Decimal	10.049567988755534
Latitude	Decimal	53.462766759577057
TempCelcius	Decimal	12.5

The table has 12 million rows. All the columns are needed for analysis.

You need to optimize the dataset to decrease the model size. The solution must not affect the precision of the data.

What should you do?

- A. Split the DateTime column into separate date and time columns.
- B. Change the data type of the DateTime column to Date.
- C. Change the data type of the Latitude column to Fixed Decimal.
- D. Disable the Power Query load.

Correct Answer: D

Disable Power Query query load.

Power Query queries that are intended support data integration with other queries should not be loaded to the model. To avoid loading the query to the model, take care to ensure that you disable query load in these instances.

Reference:

<https://docs.microsoft.com/en-us/power-bi/guidance/import-modeling-data-reduction#disable-power-query-query-load>

Community vote distribution

A (100%)

 **HaliBrickclay** Highly Voted 5 months ago

The Answer should be A

upvoted 40 times

 **edfsoft** 2 months, 1 week ago

The answer is A. When you split a Datetime column in two columns, Date and Time, then, the VertiPak engine can compress the size of each column. The size of a column can be compressed more when the cardinality is low. (have less distinct values)

upvoted 7 times

 **pd87** 4 months, 1 week ago

The answer shouldnt be A because the date time is a decimal value and not a Date. By splitting this column you would only make the set bigger.


Go for D.

upvoted 2 times

 **AmiraBedhiafi** 2 months, 1 week ago

The DateTime here has a date time type.

upvoted 3 times

 **kcwood94** Highly Voted 4 months, 3 weeks ago


On exam 10/14/21 - A wasn't an option though so I went with D

upvoted 14 times

 **katherine_dawalk** 4 months, 2 weeks ago

got so many On exam 10/14/21 ? respect your memory and passion to go back to comment.

upvoted 7 times

 **visque** 2 months, 1 week ago

There are many sheldon cooper in our midst...

upvoted 2 times

 **SimonValedo** Most Recent 1 month ago

On exam january 26th 2022, but the answer " Split the DateTime column into separate date and time columns." had an extra "and add a measure to join them" in it.

upvoted 2 times

 **Marski** 1 month, 3 weeks ago

There was a similar question before and the answer was of type A.

upvoted 1 times

- 🗳️ **KritikaGoswami** 2 months ago
Disabling "Enable load" will delete that one table named "Temperature Readings", as PBI will consider it as- not required in the model, so analysis will not be possible, hence Option A. Splitting the DateTime column into separate date and time columns will reduce the cardinality/uniqueness thereby reducing the model size.
upvoted 2 times
- 🗳️ **Siva2104** 2 months, 1 week ago
Answer A
As per the question "All the columns are needed for analysis" if we disable the Load data will not be in the memory and analysis can't be performed
upvoted 1 times
- 🗳️ **Meyti** 2 months, 1 week ago
A is the correct answer.
we need all tables also can not disable Load!
upvoted 1 times
- 🗳️ **klaudio92** 3 months, 2 weeks ago
It can't be D because "All the columns are needed for analysis", so the answer should be A
upvoted 4 times
- 🗳️ **Jess_** 3 months, 2 weeks ago
Selected Answer: A
Datetime is a Datetime value. Split them. It is the obvious answer.
upvoted 5 times
- 🗳️ **essdeecce** 3 months, 2 weeks ago
D complies with the reduction in the model size however:
<https://radacad.com/performance-tip-for-power-bi-enable-load-sucks-memory-up>
There is not enough information to suggest this is a base query for further queries that will be loaded. As such we have to assume it used natively - therefore it must be loaded. As B and C reduce precision they cannot be correct. This leaves A.
upvoted 1 times
- 🗳️ **SnaP891111** 4 months, 1 week ago
Answer is D

Disabling Load doesn't mean the query won't be refreshed, it only means the query won't be loaded into the memory. When you click on Refresh model in Power BI, or when a scheduled refresh happens even queries marked as Disable Load will be refreshed
upvoted 2 times
- 🗳️ **Merinder** 3 months, 3 weeks ago
What I don't get is, if you disable load, the table doesn't become part of the data model. How can you even analyse the data then?
upvoted 9 times
- 🗳️ **lavi_01** 5 months ago
The question says: 'The solution must not affect the precision of the data', so why not D?
upvoted 2 times
- 🗳️ **Geyper** 4 months, 3 weeks ago
It says 'All the columns are needed for analysis' so I wonder why leaving the table out (answer D) complies with that statement, as none of them will be available any longer. B and C reduce the precision of data, so those are neither the answers so it should be A.
upvoted 7 times
- 🗳️ **woody79** 5 months ago
answer is A because splitting date and time aids compression.
upvoted 2 times
- 🗳️ **vcyc** 4 months ago
The DateTime column isn't a text column which one can simply split. Split it and you would get wrong results. Splitting a column will also increase the table size. Correct answer is D.
upvoted 1 times
- 🗳️ **Thong** 5 months ago
Agreed with A
upvoted 3 times
- 🗳️ **IvyS** 5 months ago
The Answer should be A
upvoted 3 times
- 🗳️ **Douna** 5 months, 1 week ago
I think the answer is A.
upvoted 3 times
- 🗳️ **4n1m3** 5 months, 1 week ago
Correct Answer is A.
upvoted 5 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create an average line by using the Salary measure.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Instead create a percentile line by using the Salary measure and set the percentile to 50%.

Note: The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.

Reference:

https://dash-intel.com/powerbi/statistical_functions_percentile.php

- 🗨️ **MajeedKhan** Highly Voted 1 year, 4 months ago
Or you can just use the MEDIAN LINE from ANALYTICS
upvoted 19 times
- 🗨️ **DarioReymago** 5 months, 4 weeks ago
the answer is NO. But u can use the median line in analytics
upvoted 9 times
- 🗨️ **MBA_1990** Highly Voted 1 year, 2 months ago
The answer is No : We need to create the median line
upvoted 18 times
- 🗨️ **kblee** Most Recent 2 months, 1 week ago
Answer is no, because Median != Mean
upvoted 1 times
- 🗨️ **PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 1 times
- 🗨️ **Kiran37** 5 months, 1 week ago
Yes, We can by using anslytics.
upvoted 1 times
- 🗨️ **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 3 times
- 🗨️ **tramynt** 7 months, 1 week ago
Definitely No, we need a median line
upvoted 2 times
- 🗨️ **ThePrincess** 9 months, 3 weeks ago
Correct answer is No, Median line is the one we need not average line.
The "mean" is the "average" where you add up all the numbers and then divide by the number of numbers. The "median" is the "middle" value in the list of numbers.
upvoted 13 times
- 🗨️ **Cherishworth** 10 months, 3 weeks ago
This goal can be achieved by setting either Median Line or 50th Percentile Line.
upvoted 5 times
- 🗨️ **EmperorWenchang** 11 months, 1 week ago
Median is the 50th percentile, not mean (average). Therefore, No.
upvoted 4 times
- 🗨️ **JESUSBB** 1 year ago
B is the correct answer.
upvoted 1 times

🗨️ 👤 **hrahah** 1 year, 2 months ago

We need to create the median line
upvoted 2 times

🗨️ 👤 **dmorais** 1 year, 4 months ago

It's Yes right?
We can add an Average Line to the bar chart
upvoted 1 times

🗨️ 👤 **dmorais** 1 year, 4 months ago

Now I get it, it's median salary not average salary. So the correct answer is No.
upvoted 8 times

🗨️ 👤 **maybelline_ny** 1 year, 3 months ago

yes, average is mean, median is 50th percentile
upvoted 2 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create a percentile line by using the Salary measure and set the percentile to 50%.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A

The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.

Reference:

https://dash-intel.com/powerbi/statistical_functions_percentile.php

 **stinosanti** Highly Voted 1 year, 3 months ago

Correction. Answer is Yes. The median is a term that is used to describe a number that lies exactly in the middle of a class or a range. The term 50th percentile means that exactly 50 people out of 100 are above him and 50 are below him. Thus, the 50th percentile is the median for that group or class of people.

upvoted 88 times

 **Robc79** Highly Voted 9 months, 3 weeks ago

Answer is no

The average is the arithmetic mean of a set of numbers.

The median is a numeric value that separates the higher half of a set from the lower half.

Example.

2, 2, 3, 3, 5, 7, 8, 130

$(2+2+3+3+5+7+8+130)/8= 20$


AVG = 20

2, 2, 3, 3, 5, 7, 8, 130

$(3+5)/2=4$

MED = 4

upvoted 12 times

 **Meyti** 1 month, 4 weeks ago

your explanation is not related to this question.

median : the value that 50% of the data are greater/lower than that. Thereby the answer is Yes.

upvoted 1 times

 **kelvintoys93** 5 months, 3 weeks ago

You sir, have answered wrongly but gave the correct explanation. The answer is Yes.

upvoted 8 times

 **SirChris** 9 months, 1 week ago

This is the best explanation of the differences between mean (what is commonly known as the average) and median.

upvoted 4 times

 **Canary_2021** 8 months, 3 weeks ago

Good explanation! The answer is no.

upvoted 2 times

 **Canary_2021** 8 months ago

Correct my comment. The correct answer is Yes.

1. term 50th percentile = median

2. mean = average

upvoted 8 times

 **Marski** Most Recent 1 month, 3 weeks ago

Reference to MS Docs here. Thanks.

upvoted 1 times

 **ssicefox** 1 month, 4 weeks ago

The answer is No.
The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.
Reference: https://dash-intel.com/powerbi/statistical_functions_percentile.php
upvoted 1 times

🗨️ **ssicefox** 1 month, 4 weeks ago
The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.
Reference: https://dash-intel.com/powerbi/statistical_functions_percentile.php
upvoted 1 times

🗨️ **PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 1 times

🗨️ **tramynt** 7 months, 1 week ago
Yes. 50th percentile is the median.
upvoted 3 times

🗨️ **tramynt** 7 months, 1 week ago
I can confirm both theoretically and practically. Tested both lines works the same
upvoted 1 times

🗨️ **daviddbeloved** 8 months, 2 weeks ago
you are talking about percentile. The Median is correct.
upvoted 1 times

🗨️ **SuzyQt** 10 months ago
The median is the value where fifty percent or the data values fall at or below it. Therefore, the median is the 50th percentile. So the correct answer is Yes
upvoted 4 times

🗨️ **EmperorWenchang** 11 months, 1 week ago
B. No is correct answer. Median != Average
upvoted 1 times

🗨️ **EmperorWenchang** 11 months, 1 week ago
stinosanti, why do you say the answer is No and the answer is Yes at the same time? You make me confused.
upvoted 2 times

🗨️ **cviciano** 11 months, 3 weeks ago
Correct. Answer is Yes
upvoted 2 times

🗨️ **Tomekkkkkk** 11 months, 4 weeks ago
The Answer is no, because you can choose instead the median line, to choose the percentile and change it to 50 would be a workaround, when there would not be an option for Median.
But there is an option to show the Median line
upvoted 1 times

🗨️ **JESUSBB** 1 year ago
A is the correct answer.
upvoted 3 times

🗨️ **Sanin** 1 year ago
Half above and half below
upvoted 2 times

🗨️ **AtmaNow** 1 year, 1 month ago
Median is NOT the 50th percentile line.
upvoted 1 times

🗨️ **kalyhot** 1 year ago
no it's the 50th percentile line
To test your self, go in "Analyse Panel" create the Median line and Percentile line in 50%
the 2 lines will be the same !
hope it's clear
upvoted 7 times

🗨️ **MBA_1990** 1 year, 2 months ago
The answer is Yes : The median is the 50% percentile
upvoted 3 times

You have a Microsoft SharePoint Online site that contain several document libraries.

One of the document libraries contains manufacturing reports saved as Microsoft Excel files. All the manufacturing reports have the same data structure.

You need to use Power BI Desktop to load only the manufacturing reports to a table for analysis.


What should you do?


- A. Get data from a SharePoint folder, enter the site URL, and then select Combine & Load.
- B. Get data from a SharePoint list and enter the site URL. Select Combine & Transform, then filter by the folder path to the manufacturing reports library.
- C. Get data from a SharePoint folder and enter the site URL. Select Combine & Transform, then filter by the folder path to the manufacturing reports library.
- D. Get data from a SharePoint list, enter the site URL, and then select Combine & Load.


Correct Answer: C


Reference:


<https://www.c-sharpcorner.com/article/combine-and-transform-data-of-multiple-files-located-in-a-folder-in-power-bi/>


 **maketurf** Highly Voted 10 months, 1 week ago
Correct, C
upvoted 30 times


 **fhqfhqh** Highly Voted 9 months, 2 weeks ago
This question was in the exam.
upvoted 7 times


 **kwanalytics** Most Recent 2 months, 1 week ago
On exam Dec. 27, 2021 - answered C
upvoted 2 times


 **PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 2 times


 **aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
my answer:
Get data from a SharePoint folder and enter the site URL. Select Combine & Transform, then filter by the folder path to the manufacturing reports library.
upvoted 2 times

 **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 4 times


 **lhueghian** 4 months, 2 weeks ago
I had this in my Exam 16/10
upvoted 2 times

 **Sully** 8 months, 1 week ago
Correct , C
upvoted 1 times

 **EMBI** 8 months, 3 weeks ago
yo its C
upvoted 1 times

 **daringb7** 9 months ago
Correct - C
upvoted 1 times

 **Jajabink** 9 months, 3 weeks ago
C. Reference: <https://powerbi.microsoft.com/en-us/blog/combining-excel-files-hosted-on-a-sharepoint-folder/>
upvoted 6 times

 **ironcurtain** 9 months, 3 weeks ago
Sharepoint works on lists, not folders. Why do we need to Transform - the files have the same structure?
upvoted 1 times

🗨️ 👤 **jesusdax** 9 months, 3 weeks ago

Correct answer is C. You can use the connector called "SharePoint folder", it will import from a online files folder on a site. Transform is used to filter by the specific folder in the site.

upvoted 4 times

🗨️ 👤 **bpxgeek** 9 months, 4 weeks ago

It should b B

upvoted 1 times

🗨️ 👤 **DKojen** 10 months, 1 week ago

Correct - it's C

upvoted 2 times

🗨️ 👤 **DeathCaliberKnight** 10 months, 1 week ago

should be list so its B

upvoted 1 times

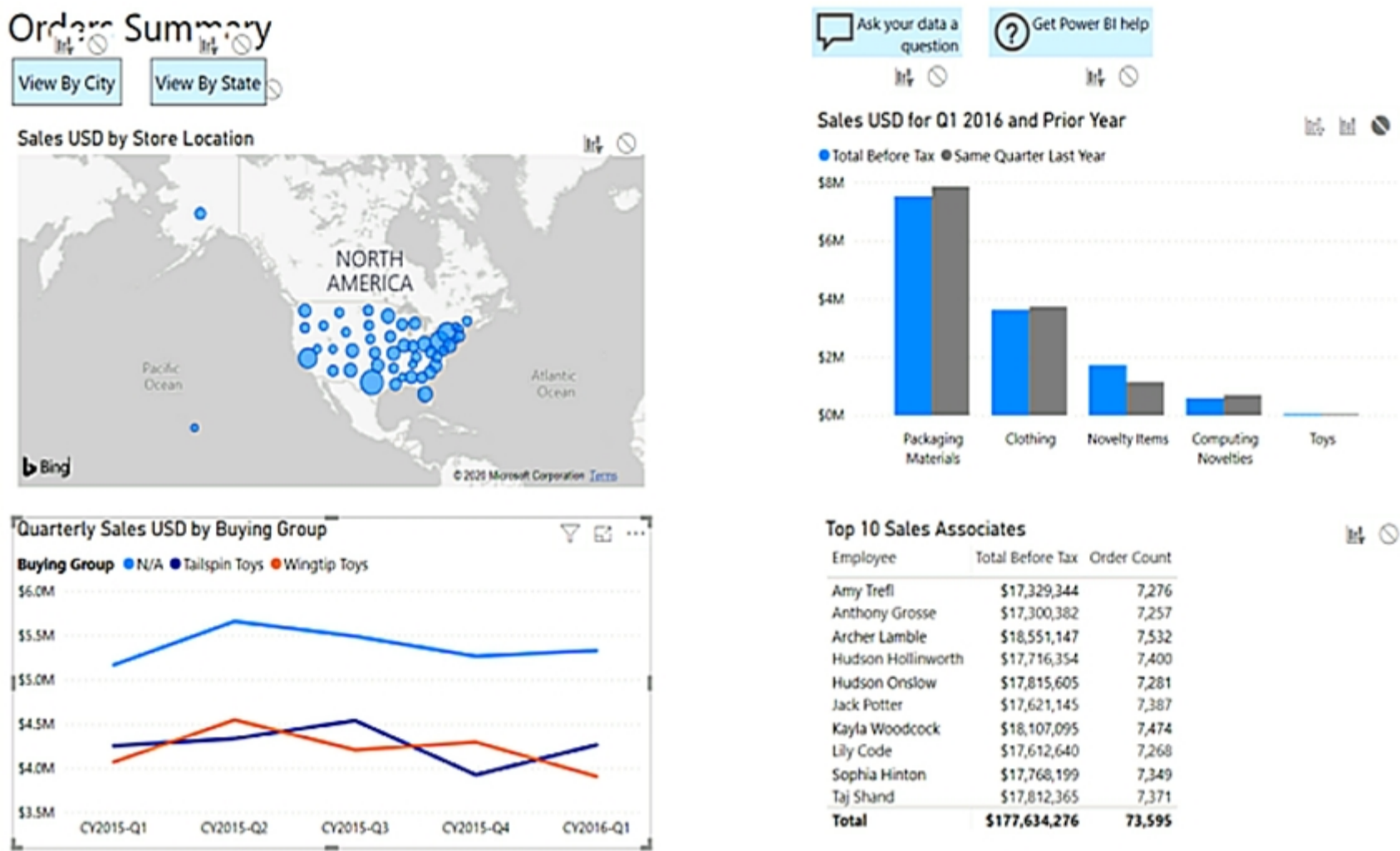
🗨️ 👤 **memo43** 10 months ago

no... c is correct it should be FOLDER. in lists you can only access the names of files, so you cannot use them in power bi

upvoted 4 times

HOTSPOT -

You have a report page that contains the visuals shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Selecting a quarter on the line chart will [answer choice] the clustered column chart.

- cross-filter
- cross-highlight
- not affect

Selecting a data point on the Tailspin Toys line on the line chart will [answer choice] the map.

- cross-filter
- cross-highlight
- not affect

Correct Answer:

Answer Area

Selecting a quarter on the line chart will [answer choice] the clustered column chart.

- cross-filter
- cross-highlight
- not affect

Selecting a data point on the Tailspin Toys line on the line chart will [answer choice] the map.

- cross-filter
- cross-highlight
- not affect

Box 1: not affect -

The column chart has the no impact icon highlighted, thus selecting data points on the line graph will have no affect on the column chart.

Box 2: cross-filter -

The map has the cross-filter icon highlighted, thus selecting data points on the line graph will be cross filtered onto the map.

Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-reports-visual-interactions> <https://docs.microsoft.com/en-us/power-bi/consumer/end-user-interactions>

🗨️ 👤 **elly** Highly Voted 8 months ago

The given answer is correct.

upvoted 26 times

🗨️ 👤 **berserkguts** Highly Voted 7 months, 4 weeks ago

look closely on the icon that is "enabled" or emboldened on the map, you can see it is the icons "cross-filter" or with the flask.

upvoted 8 times

🗨️ 👤 **Analyst_BK** 7 months, 2 weeks ago

Yes sir!

upvoted 1 times

🗨️ 👤 **Shan** Most Recent 2 months ago

In exam 30/12/21

upvoted 1 times

🗨️ 👤 **kwanalytics** 2 months, 1 week ago

On exam Dec. 27, 2021 - answered same as provided answer

upvoted 1 times

🗨️ 👤 **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answers:

no-affect

cross-filter

upvoted 4 times

🗨️ 👤 **Prashant10FCB** 4 months ago

IT WILL AFFECT

upvoted 2 times

🗨️ 👤 **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.

upvoted 5 times

🗨️ 👤 **Ashud1** 7 months ago

Just FYI...Not all the Visuals have all 3 interaction type(Filter , Highlight and None)

upvoted 4 times

🗨️ 👤 **eltonm** 8 months ago

why not cross-highlight

upvoted 1 times

🗨️ 👤 **berserkguts** 7 months, 4 weeks ago

look closely on the icon that is "enabled" or emboldened on the map, you can see it is the icons "cross-filter" or with the flask.

upvoted 1 times

🗨️ 👤 **Merinder** 3 months, 3 weeks ago

I think the "flask" is a funnel :)

upvoted 1 times

🗨️ 👤 **hollylolly** 8 months, 1 week ago

IMHO correct

upvoted 2 times

You have a report that contains four pages. Each page contains slicers for the same four fields.

Users report that when they select values in a slicer on one page, the selections are not persisted on other pages.

You need to recommend a solution to ensure that users can select a value once to filter the results on all the pages.

What are two possible recommendations to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Replace the slicers with report-level filters.
- B. Sync the slicers across the pages.
- C. Create a bookmark for each slicer value.
- D. Replace the slicers with page-level filters.
- E. Replace the slicers with visual-level filters.

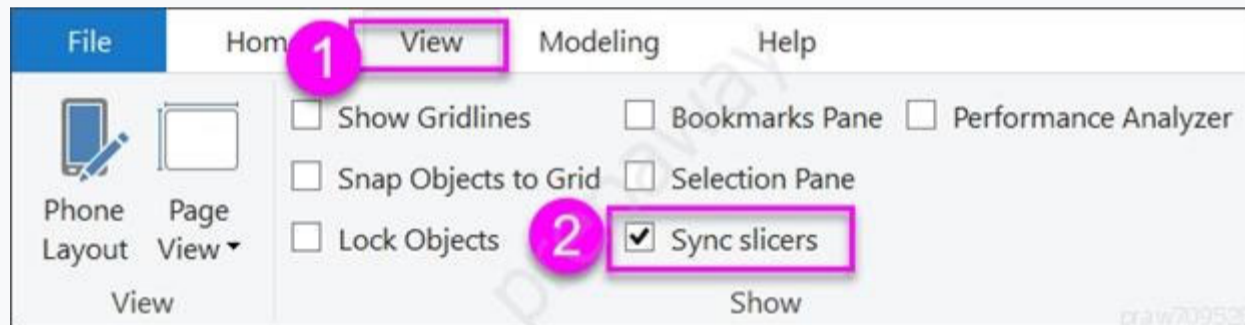
Correct Answer: AB

A: Add a report-level filter to filter an entire report.

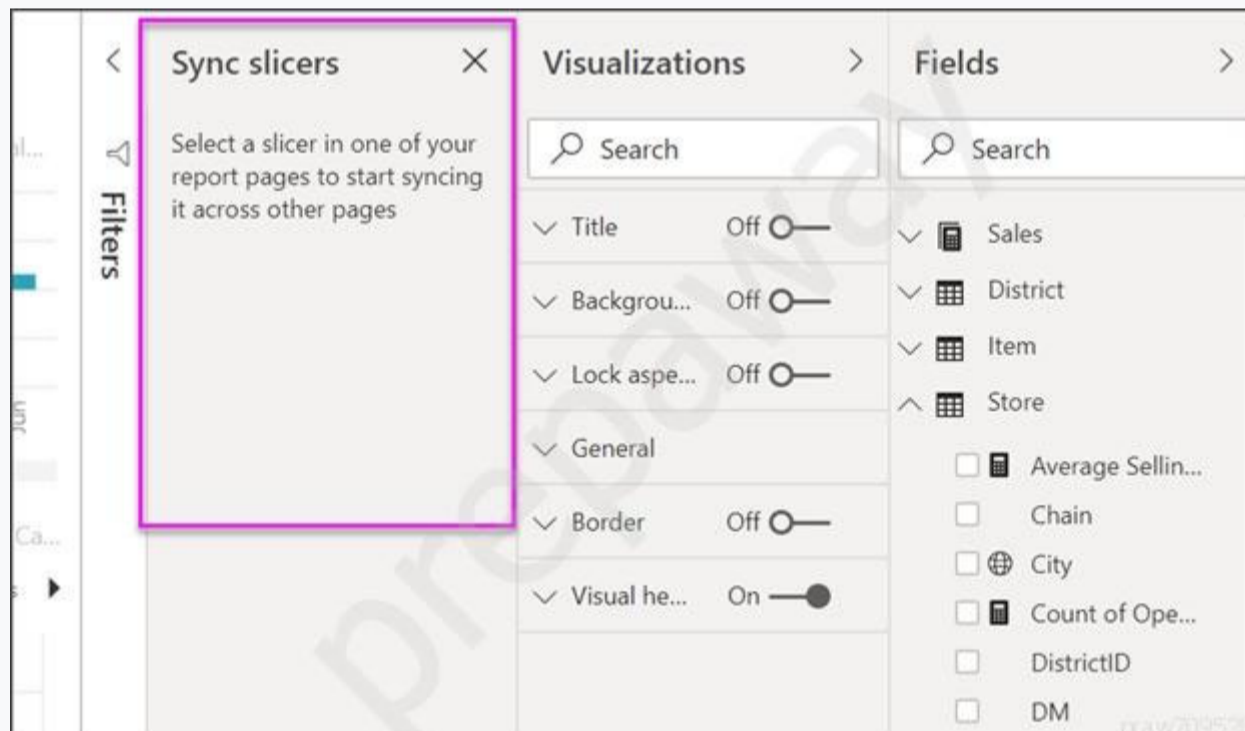
The visuals on the active page, and on all pages in the report, change to reflect the new filter.

B: You can sync a slicer and use it on any or all pages in a report.

1. On the Power BI Desktop View menu, select Sync slicers.



The Sync slicers pane appears between the Filters and Visualizations panes.



Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/power-bi-report-add-filter> <https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-slicers>

imaWynna Highly Voted 11 months, 4 weeks ago
answer is correct
upvoted 71 times

bobs2021 Highly Voted 10 months ago
A & B are correct. For those who say just B; read the question again. No one said using slicers was mandatory. Filters can be used by end-users too.
upvoted 21 times

skmmmf Most Recent 2 months, 1 week ago
In question, then mentioned what are 2 possible recommendations to achieve the goal. So, both options "A. Replace the slicers with report-level filters" & "B. Sync the slicers across the pages" can be used.
upvoted 1 times

DTDL2002 2 months, 1 week ago
AB should be correct. At first quite confused on the page level filter. But it's logic that page level will only affect within the page. While the report may have several pages. So should set it at report level.

upvoted 1 times

🗨️ **kwanalytics** 2 months, 1 week ago
On exam Dec. 27, 2021 - answered A&B
upvoted 1 times

🗨️ **ihustle** 3 months, 2 weeks ago
There is nothing like report level filters, instead we have filter on all pages.
upvoted 2 times

🗨️ **Soh_b** 1 month, 2 weeks ago
Yes, filter on all pages is report level filter in Power BI
upvoted 1 times

🗨️ **aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
my answers:
Replace the slicers with report-level filters.
Sync the slicers across the pages.
upvoted 4 times

🗨️ **imaaaa** 4 months, 3 weeks ago
Because "Each correct answer presents a complete solution" , A&B are correct
upvoted 1 times

🗨️ **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 5 times

🗨️ **lhueghian** 4 months, 2 weeks ago
Got it in my Exam 16/10
upvoted 1 times

🗨️ **MaQya** 7 months, 4 weeks ago
Answer is correct
upvoted 2 times

🗨️ **prabhjot** 9 months, 1 week ago
B & D (as the replacement for slicer in the report view is Page level filter to give you more space in report for designing purpose- both do the same job)
upvoted 1 times

🗨️ **fhqfhqh** 9 months, 2 weeks ago
This question was in the exam.
upvoted 3 times

🗨️ **Gbenga** 10 months, 1 week ago
B and D
upvoted 1 times

🗨️ **Rafax** 10 months, 3 weeks ago
Its just B for me. The user need to select the value
upvoted 2 times

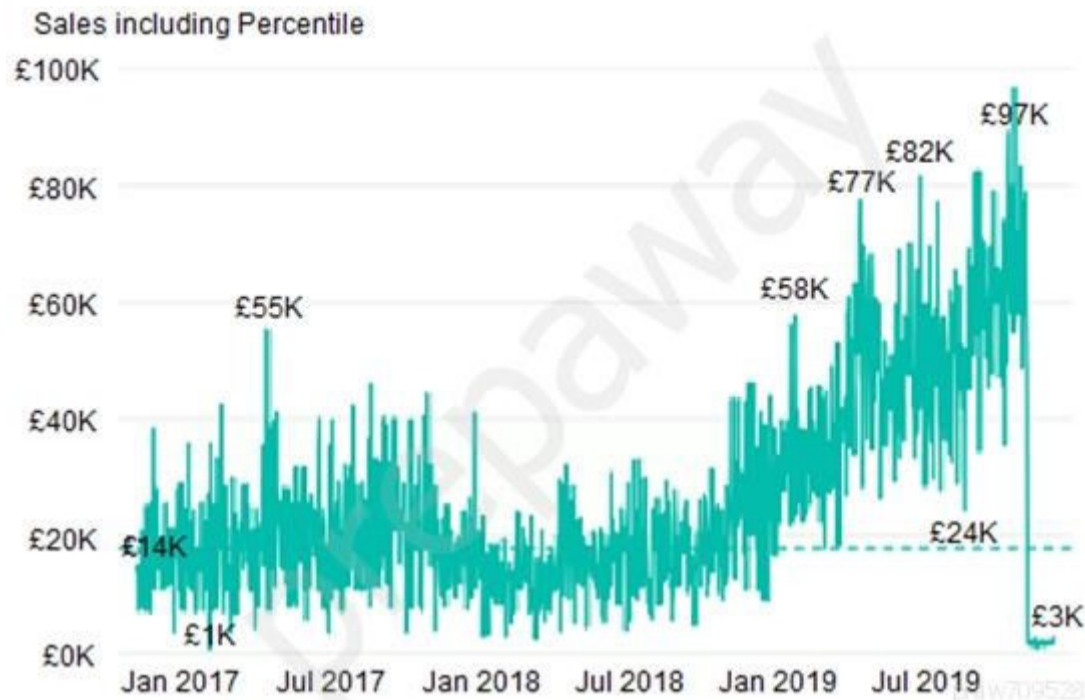
🗨️ **Richielf** 10 months, 1 week ago
A y B. The users also can change a report level filter (now "Filters on all pages") in the Fields Pane
upvoted 2 times

🗨️ **saty_79** 10 months, 3 weeks ago
its only B
upvoted 2 times

🗨️ **aclacl** 11 months ago
Correct. A and B
upvoted 4 times

🗨️ **HRK** 11 months, 2 weeks ago
to A: could it be that they renamed the Filter from "Report level Filter" to "Filters on all pages" in Power BI? I cant find the "Report level Filter" in PowerBI (Service)
upvoted 4 times

You plan to create the chart shown in the following exhibit.



How should you create the dashed horizontal line denoting the 40th percentile of daily sales for the period shown?

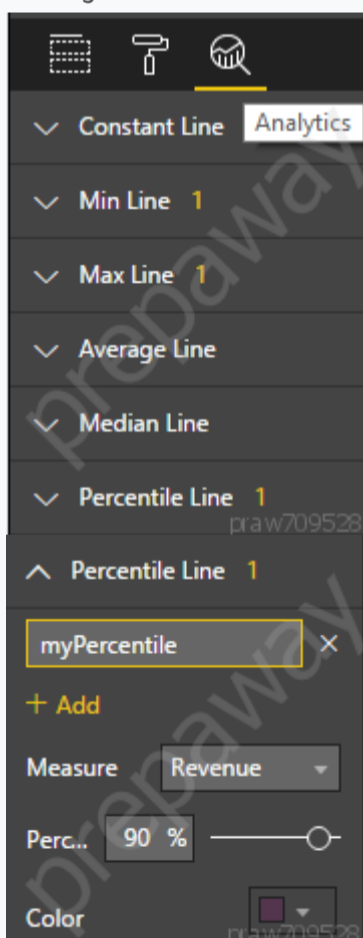
- A. Add a measure to the visual that uses the following DAX expression. Measure1 = PERCENTILEX.INC (Sales,Sales[Total Sales],0.40)
- B. Add a new percentile line that uses Total Sales as the measure and 40% as the percentile.
- C. Create a horizontal line that has a fixed value of 24,000.
- D. Add a measure to the visual that uses the following DAX expression. Measure1 = PERCENTILEX.EXC (Sales,Sales[Total Sales],0.40)

Correct Answer: B

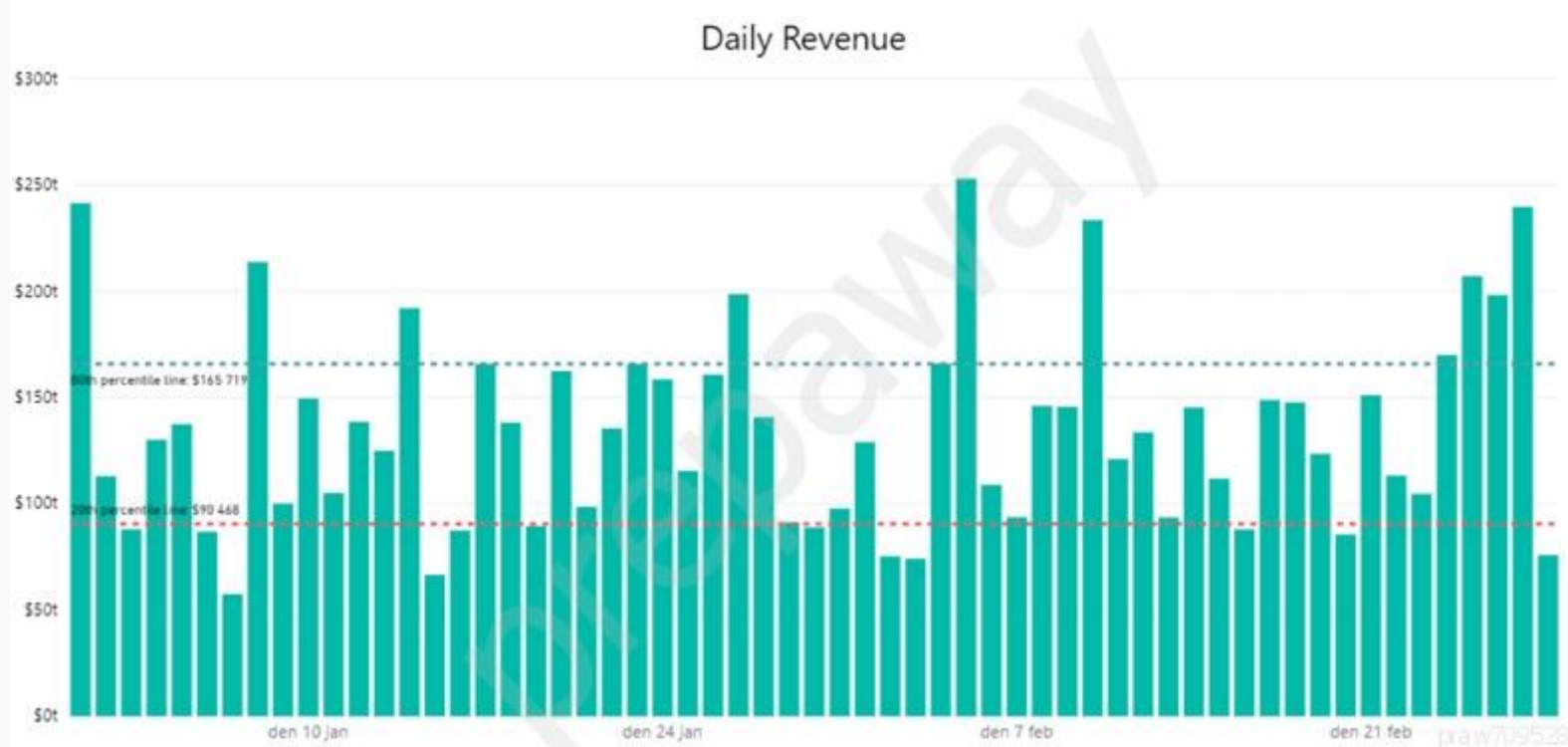
The analytics feature enables you to show percentiles across groups specified along a specific axis.

Example:

1. Click on the analytics tab
2. Select Percentile
3. You can choose a specific percentile along with other formatting options.
4. Drag a date or non-numeric dimension into the Axis of a column chart



Add percentile lines to monitor daily revenue



Incorrect Answers:

A, D: There are two main percentile functions in Power BI:

PERCENTILE.EXC(column, kth percentile)

PERCENTILE.INC(column, kth percentile)

The first parameter is the column which you want the percentile value for.

The second parameter is the kth percentile where k percentage of values will fall below.

Both formulas use a slightly different algorithm. The second algorithm works for any value of k between 0 and 1 (the 0th and 100th percentile).

In the EXC version the data excludes both lower and upper bounds, while INC includes them.

Reference:

https://www.dash-intel.com/powerbi/statistical_functions_percentile.php

LPPPPP Highly Voted 11 months, 4 weeks ago

I BELIEVE THIS IS CORRECT!

upvoted 82 times

Wenwentije 5 months ago

omg so loud!!

upvoted 19 times

berserkguts 8 months ago

lol, you are super enthusiastic my friend

upvoted 10 times

Massy 8 months, 1 week ago

yes but don't shout

upvoted 18 times

tanuchaudhary Highly Voted 11 months, 3 weeks ago

Have tested, this is correct.

upvoted 8 times

BobPresh Most Recent 1 month, 2 weeks ago

D is correct....MS gets me acting like a robot now...crazy

upvoted 1 times

Shan 2 months ago

In exam 30/12/21

upvoted 1 times

skmmmf 2 months, 1 week ago

Answer is B. Add a new percentile line that uses Total Sales as the measure and 40% as the percentile.

upvoted 1 times

kwanalytics 2 months, 1 week ago

On exam Dec. 27, 2021 - answered same as provided

upvoted 1 times

aguilartu1 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answer:

Add a new percentile line that uses Total Sales as the measure and 40% as the percentile.

upvoted 4 times

imaaaa 4 months, 3 weeks ago

this is correct

upvoted 1 times

🗨️ 👤 **nowwin** 5 months, 1 week ago
question in exam on 18th September
upvoted 2 times

🗨️ 👤 **lhueghian** 4 months, 2 weeks ago
Same 16/10
upvoted 2 times

🗨️ 👤 **Ulrica** 5 months, 3 weeks ago
Why cannot choose A?
upvoted 1 times

🗨️ 👤 **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 1 times

🗨️ 👤 **MaQya** 7 months, 4 weeks ago
My tutor Partsan said its correct
upvoted 1 times

🗨️ 👤 **AmmarGharaibeh** 8 months, 2 weeks ago
what is the right answer?
upvoted 1 times

🗨️ 👤 **Loni4565** 9 months, 1 week ago
Answer is B
upvoted 3 times

🗨️ 👤 **fhqhfqh** 9 months, 2 weeks ago
This question was in the exam.
upvoted 3 times

🗨️ 👤 **Dipk** 10 months, 1 week ago
In general the answer is correct, But is it correct for the specific visual?
upvoted 2 times

🗨️ 👤 **Dipk** 10 months, 1 week ago
I mean if this is a waterfall chart then the answer is incorrect.
upvoted 1 times

🗨️ 👤 **Massy** 10 months ago
I think it's a line chart, so the answer is correct
upvoted 1 times

🗨️ 👤 **ManimaranT** 10 months, 3 weeks ago
How to infer 40% visually from graph ?
upvoted 1 times

You have a table that contains sales data and approximately 1,000 rows.

You need to identify outliers in the table.

Which type of visualization should you use?

- A. donut chart
- B. pie chart
- C. area chart
- D. scatter plot

Correct Answer: D

Outliers are those data points that lie outside the overall pattern of distribution & the easiest way to detect outliers is through graphs. Box plots, Scatter plots can help detect them easily.

Reference:

<https://towardsdatascience.com/this-article-is-about-identifying-outliers-through-funnel-plots-using-the-microsoft-power-bi-d7ad16ac9ccc>

Community vote distribution

D (100%)

Vfleriya Highly Voted 1 year, 2 months ago

D seems good
upvoted 57 times

weirdos_noone Highly Voted 9 months, 1 week ago

idk guys i might be a robot after all these questions am starting to doubt myself.
upvoted 23 times

imaaaa 4 months, 3 weeks ago

I have the same thought as you. I always have the wrong answer with questions related to the truck.
upvoted 2 times

John_Samwani Most Recent 1 week, 5 days ago

D is correct
upvoted 1 times

JordiJordi 1 month ago

Selected Answer: D

D is the way to go
upvoted 1 times

Susanyap 1 month, 3 weeks ago

D is correct
upvoted 3 times

Shan 2 months ago

In exam 30/12/21 d is ans I select
upvoted 1 times

skmmmf 2 months, 1 week ago

D is correct as we could identify the outliers easily in Scatter chart
upvoted 2 times

kwanalytics 2 months, 1 week ago

On exam Dec. 27, 2021 - answered same as provided
upvoted 1 times

PatrickStr 2 months, 3 weeks ago

on exam 12/10/2021
upvoted 1 times

aguilartu1 3 months, 3 weeks ago

on exam - Nov 11, 2021.
upvoted 1 times

kcwood94 4 months, 3 weeks ago

On exam 10/14/21
upvoted 1 times

geky123 7 months, 2 weeks ago

It's all in the question " Outlier - A statistical observation that is markedly different in value from the others of the sample Values that are outliers give disproportionate weight to larger over smaller values."

upvoted 2 times

  **ade2ben** 8 months ago

D is correct

<https://medium.com/analytics-vidhya/outliers-in-data-and-ways-to-detect-them-1c3a5f2c6b1e>

upvoted 4 times

  **elmstsanl** 10 months ago

D is correct

upvoted 3 times

  **Halomar2020** 10 months, 2 weeks ago

It has to be D. (Scatter Plot)

upvoted 2 times

  **Waltmas** 10 months, 3 weeks ago

D is correct

upvoted 1 times

  **aclacl** 11 months ago

The correct answer is D

upvoted 1 times

HOTSPOT -

You need to create a visual as shown in the following exhibit.

MonthName	Total Sales	Sales Last Year	% Growth to Last Year
January	£559,263.79	£144,365.51	74.19%
February	£583,915.29	£215,923.28	63.02%
March	£684,091.92	£211,347.46	69.11%
April	£957,686.49	£350,270.97	63.43%
May	£841,473.26	£310,708.65	63.08%
June	£876,911.71	£298,356.83	65.98%
July	£922,410.09	£348,435.28	62.23%
August	£1,002,219.24	£388,213.68	61.26%
September	£1,152,976.22	£407,595.76	64.65%
October	£1,262,647.67	£465,583.06	63.13%
November	£555,548.44	£555,548.44	0.00%
December	£553,615.45	£553,615.45	0.00%
Total	£9,952,759.56	£4,249,964.36	57.30%

The indicator color for Total Sales will be based on % Growth to Last Year.

The solution must use the existing calculations only.

How should you configure the visual? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Conditional formatting:

- Background color
- Data bars
- Font color
- Icons
- Web URL

Format by:

- Color scale
- Field value
- Rules

Correct Answer:

Answer Area

Conditional formatting:

- Background color
- Data bars
- Font color
- Icons
- Web URL

Format by:

- Color scale
- Field value
- Rules

Box 1: Background color -

To format the Color column based on its field values, select Conditional formatting for the Color field, and then select Background color or Font color.

In the Background color or Font color dialog box, select Field value from the Format by drop-down field.








Box 2: Field value -









With conditional formatting for tables in Power BI Desktop, you can specify customized cell colors, including color gradients, based on field





values.

Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-conditional-table-formatting>

-  **brieucboonen1** Highly Voted  11 months, 4 weeks ago
Background color - by Rules isn't ?
upvoted 118 times
-  **cufta05** 4 months, 2 weeks ago
That's correct
upvoted 3 times
-  **Piiri565** 11 months, 4 weeks ago
No, field values are used for conditional formatting, the given answer is correct, I have performed this
upvoted 15 times
-  **adbukavu** 2 months, 4 weeks ago
Field values only gives a gradual option. Rules you can define different colors for specific intervals
upvoted 7 times
-  **Soh_b** 1 month, 2 weeks ago
yes correct, we have to select rules to have specific color based on value range
upvoted 2 times
-  **manlynn** 11 months ago
Field value doesn't work without an additional column for the color. Tested in PBI.
Correct answer should be Background color & Rules

Ref:<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-conditional-table-formatting#color-based-on-a-calculation>
upvoted 30 times
-  **Georgerak** 10 months, 4 weeks ago
When you have a field with the text "red" or "green" by selecting field it will color it red or green accordingly. Rules is the correct.
upvoted 7 times
-  **kens09n** 8 months, 2 weeks ago
Field Value will be based in a measure ex:
if [% Growth to Last Year] >= 63%, "blue", "green")
upvoted 1 times
-  **kens09n** 8 months, 2 weeks ago
And there is this sentence in the question
"The solution must use the existing calculations only."
The only way to use a condition formatting using a calculation is thought Field Value
upvoted 3 times
-  **Zakriya** 10 months, 1 week ago
Background color
Rules
upvoted 33 times
-  **VM_GCP** Highly Voted  11 months, 3 weeks ago
Background color
Rules
upvoted 41 times
-  **James_8341** Most Recent  1 week, 5 days ago
background by rules

"The solution must use the existing calculations only." means you cannot choose Fields value, which require an additional value field.
upvoted 2 times
-  **Meyti** 2 months ago
Background color and Rules are correct.
Tested
upvoted 3 times
-  **Shan** 2 months ago
In exam 30/12/21
upvoted 1 times
-  **kwanalytics** 2 months, 1 week ago
On exam Dec. 27, 2021 - answered Background color & Rules
upvoted 1 times
-  **kblee** 2 months, 1 week ago
Backgorund color and Rule - Rule can set based on specific intervals

upvoted 1 times

🗨️ 👤 **Fuulhouse** 2 months, 2 weeks ago

Background color & rules

upvoted 1 times

🗨️ 👤 **semwaja** 3 months, 2 weeks ago

Background color and Rules. With Rules, you can define multiple ranges of values with colors of your choice.

upvoted 1 times

🗨️ 👤 **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answers:

Background color

Field Value

upvoted 1 times

🗨️ 👤 **hanchihl** 3 months, 3 weeks ago

Tested. Rules is the correct answer

upvoted 2 times

🗨️ 👤 **imaaaa** 4 months, 3 weeks ago

color scale: apply the color scheme

rules: set a color for each one. Each value range has an If value condition, an and value condition, and a color

fiel value: works only if you have a field or measure with color name

rules is correct

upvoted 4 times

🗨️ 👤 **HaliBrickclay** 5 months ago

Background color

Rules

upvoted 4 times

🗨️ 👤 **Kiran37** 5 months, 1 week ago

Background color by color scale is correct one

upvoted 3 times

🗨️ 👤 **Kiran37** 5 months, 1 week ago

Background color & Rules

upvoted 2 times

🗨️ 👤 **Sivakami** 6 months ago

Ans: Background and Rules

upvoted 3 times

🗨️ 👤 **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.

upvoted 3 times

🗨️ 👤 **woody79** 5 months ago

obviously!

upvoted 4 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create a constant line and set the value to .5.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Instead create a percentile line by using the Salary measure and set the percentile to 50%.

Note: The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.

Reference:

https://dash-intel.com/powerbi/statistical_functions_percentile.php

Community vote distribution

B (100%)

 **Lhous** Highly Voted 1 year, 3 months ago

B. .5 is not median

upvoted 31 times

 **EmperorWenchang** Highly Voted 11 months, 1 week ago

In DA-100, choices with the word "constant" are all wrong answers.

upvoted 13 times

 **aldi99** Most Recent 2 months ago

Selected Answer: B

Power Bi must be dynamic, so having constant value isn't a solution

upvoted 2 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 2 times

 **Kiran37** 5 months, 1 week ago

No is the answer

upvoted 1 times

 **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.

upvoted 2 times

 **AJ99** 9 months ago


B is the correct answer

upvoted 6 times

 **JESUSBB** 1 year ago

B is the correct answer.

upvoted 1 times

 **GraceZ** 1 year, 1 month ago

Once a constant line with the value set to '0.5', a constant line will occur at the salary of \$0.5.

upvoted 9 times

 **efzgetdhrth** 1 year, 1 month ago

No, constant line don't be allow to write median. We can do that with a percentil line parameters (in analytics icon)

upvoted 3 times

 **Sundar_Dxb** 1 year, 3 months ago

No. 0.5 is not a Median

upvoted 1 times

 **CDL** 1 year, 3 months ago

just google: what's mean, median and mode...

upvoted 3 times

  **MBA_1990** 1 year, 3 months ago

The right answer is B : .5 is not the median

upvoted 1 times

You need to create a visualization that compares revenue and cost over time.

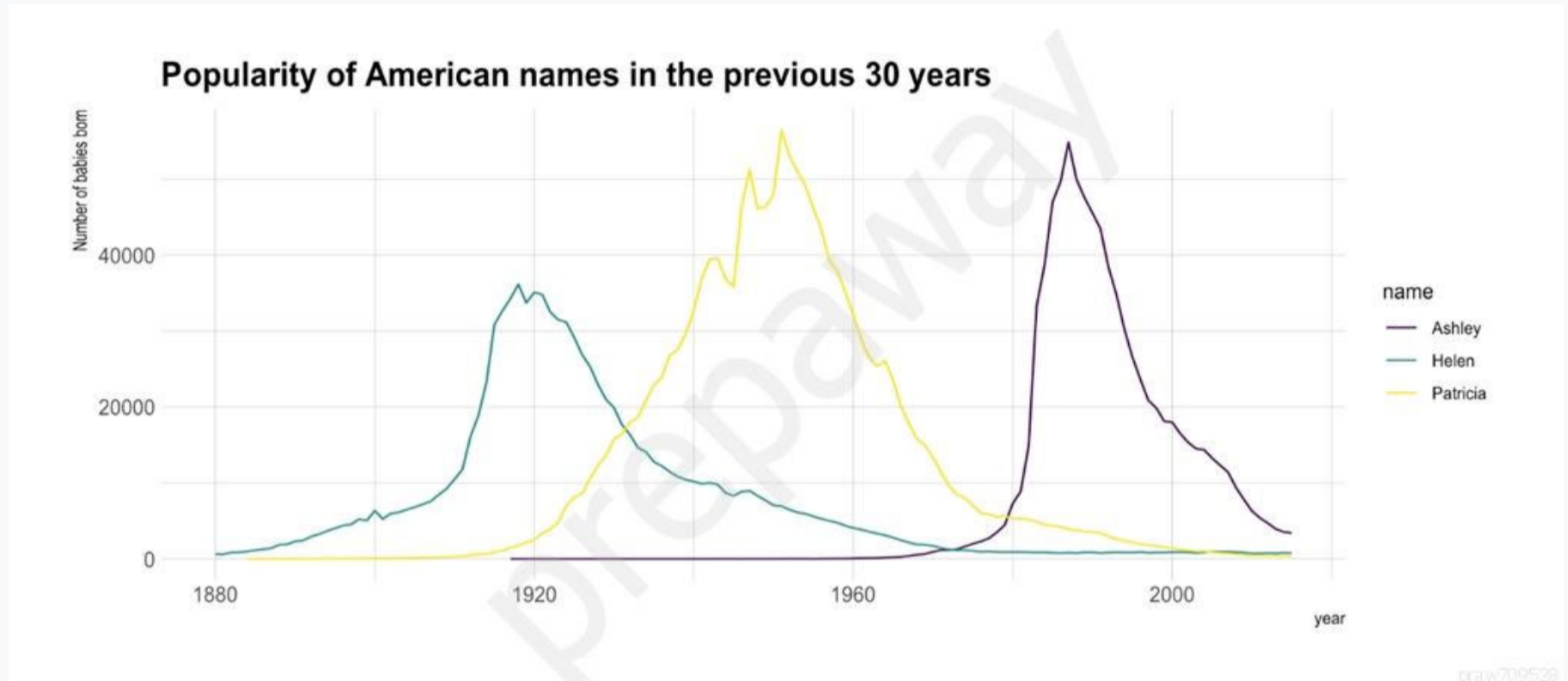
Which type of visualization should you use?

- A. stacked area chart
- B. donut chart
- C. line chart
- D. waterfall chart

Correct Answer: C

A line chart or line graph displays the evolution of one or several numeric variables. Data points are connected by straight line segments. A line chart is often used to visualize a trend in data over intervals of time λ €" a time series λ €" thus the line is often drawn chronologically.

Example:



Incorrect Answers:

A: Stacked area charts are not appropriate to study the evolution of each individual group: it is very hard to subtract the height of other groups at each time point.

Note: A stacked area chart is the extension of a basic area chart. It displays the evolution of the value of several groups on the same graphic.

The values of each group are displayed on top of each other, what allows to check on the same figure the evolution of both the total of a numeric variable, and the importance of each group.

Reference:

<https://www.data-to-viz.com/graph/line.html>

RajGoy Highly Voted 1 year, 4 months ago

seems like answer is right, in perfect clustered bar chart is perfect, but in the absence of that line chart seems ok.

upvoted 41 times

steeva 2 months, 1 week ago

hi, but why stacked area chart doesnt work? i think it can also show the time line as well as the revenue vs cost.

upvoted 3 times

DTDL2002 2 months, 1 week ago

maybe b/c the question is about over time. While stacked chart is best use to show the magnitude of changes.

upvoted 1 times

elmstsani Highly Voted 10 months ago

Line chart. Because it's over time.

upvoted 27 times

KBI2M Most Recent 1 month, 1 week ago

Answer is most likely C (Stacked Area)

upvoted 1 times

Meyti 2 months ago

we want to compare two values over time, then line chart is the correct answer.

upvoted 1 times

Mr_Chu 2 months, 1 week ago

D-Waterfall. It is sure!

upvoted 1 times

🗨️ 👤 **kwanalytics** 2 months, 1 week ago

On exam Dec. 27, 2021 - answered same as provided

upvoted 2 times

🗨️ 👤 **Siva2104** 2 months, 1 week ago

Answer C

If we want to compare the Over time (i.e. Time series) line chart is the best option to understand the changes in data over period of time

upvoted 2 times

🗨️ 👤 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

🗨️ 👤 **Toannn** 3 months, 3 weeks ago

i think A. stacked area chart can express time line.

upvoted 2 times

🗨️ 👤 **SirDrizzle** 2 months, 1 week ago

Stacked area chart are used for composition over time

upvoted 2 times

🗨️ 👤 **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

upvoted 2 times

🗨️ 👤 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 3 times

🗨️ 👤 **zarq12e** 5 months ago

cc

upvoted 2 times

🗨️ 👤 **woody79** 5 months ago

Did Francis not get this in her exam - Aug 15th ??

upvoted 10 times

🗨️ 👤 **Merinder** 3 months, 3 weeks ago

Yes I was wondering. But might have been in Janet's exam on Sep 12.

upvoted 2 times

🗨️ 👤 **datguymhb** 5 months ago

good question !?!? :D

upvoted 1 times

🗨️ 👤 **Kiran37** 5 months, 1 week ago

Line chart is the best fit

upvoted 1 times

🗨️ 👤 **eurekamike** 7 months ago

Key word is compare and over time.

stacked area chart, line chart and waterfall chart can all be good choices for displaying data over time.

stacked area chart is not good for comparing differences in money because it is stacked. One of the categories will not be aligned with 0 since it will be stacked on top.

line chart is good for comparing because both categories start at 0 and the values are easy to read and compare against each other.

waterfall chart shows differences and changes. It does not compare the 2 categories. It displays the differences between them. (This sounds exactly like the definition of compare)

I'd say line chart compares because it displays both side by side.

upvoted 11 times

🗨️ 👤 **MinhNT** 7 months, 3 weeks ago

Line chart: it shows the trend over time clearer than the others.

upvoted 3 times

🗨️ 👤 **AnonymousJ** 9 months, 2 weeks ago

I say Line Chart because the question specifically says "over time".

upvoted 7 times

You have a collection of reports for the HR department of your company.

You need to create a visualization for the HR department that shows a historic employee counts and predicts trends during the next six months.

Which type of visualization should you use?

- A. key influencers
- B. ribbon chart
- C. line chart
- D. scatter chart

Correct Answer: C

The best data for forecasting is time series data or uniformly increasing whole numbers. The line chart has to have only one line.

Try forecasting: Try the new forecasting capabilities of Power View today on your own data or with the sample report available as part of the Power BI report samples. To view your own data, upload a workbook with a Power View time series line chart to Power BI for Office 365.

Reference:

<https://powerbi.microsoft.com/en-us/blog/introducing-new-forecasting-capabilities-in-power-view-for-office-365>

Community vote distribution



- coupet** Highly Voted 11 months, 3 weeks ago
 Correct Answer: C , line chart
 upvoted 50 times
- prabhjot** Highly Voted 9 months, 1 week ago
 Ans c - is correct that is line chart and then use the forecast option in the Visualization property window
 upvoted 11 times
- BobPresh** Most Recent 1 month, 2 weeks ago
 C. Line chart very correct
 upvoted 1 times
- Tanu_9763** 2 months ago
 C is correct
 upvoted 1 times
- smario** 2 months, 3 weeks ago
Selected Answer: C
 C is correct
 upvoted 3 times
- Unathi91** 4 months, 2 weeks ago
 C is the correct answer.
 upvoted 1 times
- zarq12e** 5 months ago
 ccccccccccccc
 upvoted 1 times
- Kiran37** 5 months, 1 week ago
 Line chart shows the trend
 upvoted 1 times
- nowwin** 5 months, 1 week ago
 question in exam on 18th September
 upvoted 4 times
- francis6170** 6 months, 3 weeks ago
 Got this in the exam - Aug 15, 2021.
 upvoted 6 times
- MM_KARACHI_PAKISTAN** 8 months, 3 weeks ago
 Correct Ans. is C, Line Chart
 upvoted 5 times
- O_Anjum** 6 months, 1 week ago
 LOL... you must be "proud" of your username.

upvoted 2 times

🗨️ 👤 **Waltmas** 10 months, 3 weeks ago

line chart

upvoted 4 times

🗨️ 👤 **aclacl** 11 months ago

Line chart is the correct answer. C

upvoted 1 times

🗨️ 👤 **Emmy007** 11 months, 3 weeks ago

Line chart

upvoted 1 times

🗨️ 👤 **Tunga** 11 months, 3 weeks ago

Its a line chart because with time you can see the count of employees at any particular date or time. A key influencer influences a result ie it causes a change wheather upwards or downwards. it basically causes a change

upvoted 3 times

🗨️ 👤 **Baba001** 11 months, 3 weeks ago

thats is corrency

upvoted 1 times

🗨️ 👤 **zezima** 11 months, 3 weeks ago

Should be D

upvoted 1 times

🗨️ 👤 **Wummie** 11 months, 3 weeks ago

line charts are perfect for predicting trends not scatter chart

upvoted 1 times

🗨️ 👤 **zezima** 11 months, 3 weeks ago

I mean should be a - key influencer

upvoted 1 times

🗨️ 👤 **mynameistaken** 10 months, 3 weeks ago

I would go for key influencer if the question focuses on "what cause" question. Instead they want "prediction" so Line chart will be appropriate answer here.

upvoted 1 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create a median line by using the Salary measure.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A

The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.

Reference:

https://dash-intel.com/powerbi/statistical_functions_median.php

Community vote distribution



- aclacl** Highly Voted 11 months ago
Correct answer is A. True
upvoted 31 times
- JordiJordi** Most Recent 1 month ago
Selected Answer: A
Answer A is correct
upvoted 2 times
- sibdufe** 2 months, 1 week ago
correct
upvoted 1 times
- PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 1 times
- adbukavu** 2 months, 4 weeks ago
The visual should be line + clustered chart not just clustered chart
upvoted 2 times
- Googlegen** 2 months, 2 weeks ago
<https://www.youtube.com/watch?v=JTSild7vikA>

Median line show & tell.
upvoted 1 times
- VR31** 3 months ago
Who else is with option B, please ?
upvoted 2 times
- woody79** 5 months ago
should be B. I created the median measure MEDIAN(EmployeeTable[Salary]) and used it in the visual, it gave me another bar for each employee not a reference median line. To create that I had to use the analytics pane and median from it. Then I got a reference line at 50%.
upvoted 4 times
- francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 3 times
- jsangwan** 8 months, 3 weeks ago
A is correct
upvoted 3 times
- bth** 9 months ago
<https://www.examtopycs.com/discussions/microsoft/view/33983-exam-da-100-topic-3-question-10-discussion/>
upvoted 1 times

🗨️ 👤 **superXsirka** 3 months, 3 weeks ago

the mentioned question is different that this one, here they mentioned median line there they mentioned the average line. so the correct answer is A

upvoted 1 times

🗨️ 👤 **eltonm** 8 months, 2 weeks ago

isn't it the median is also the 50th percentile line

upvoted 1 times

🗨️ 👤 **Cherishworth** 10 months, 3 weeks ago

It is said to create a reference line. Tested: Analytics Pane -> Medien Line or Percentile Line -> ...

upvoted 4 times

🗨️ 👤 **AnetaK** 11 months, 3 weeks ago

Imho the answer is correct.

upvoted 2 times

🗨️ 👤 **coupet** 11 months, 3 weeks ago

Correct Answer: B

PERCENTILE.EXC(<column>, <k>)

upvoted 1 times

You are developing a sales report that will have multiple pages. Each page will answer a different business question.

You plan to have a menu page that will show all the business questions.

You need to ensure that users can click each business question and be directed to the page where the question is answered. The solution must ensure that the menu page will work when deployed to any workspace.

What should you include on the menu page?

- A. Create a text box for each business question and insert a link.
- B. Create a button for each business question and set the action type to Page Navigation.
- C. Create a Power Apps visual that contains a drop-down list. The drop-down list will contain the business questions.

Correct Answer: B

Most apps contain multiple screens. Use the Back and Navigate function to change which screen is displayed. For example, set the OnSelect property of a button to a formula that includes a Navigate function if you want to show a different screen when a user selects that button.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-navigate>

Community vote distribution



Evert23 Highly Voted 1 year, 5 months ago

I think B.

<https://insightsoftware.com/blog/how-to-create-a-bookmark-in-power-bi/#:~:text=Go%20to%20the%20Format%20Image,specific%20bookmark%20of%20your%20choice.>

upvoted 131 times

Zakriya 10 months, 1 week ago

It should be B

upvoted 7 times

VR1 Highly Voted 1 year, 5 months ago

Ans should be B - Bookmarks work well in such scenarios.

upvoted 28 times

Teemah Most Recent 4 weeks, 1 day ago

Hello guys ,Has anyone written exam this year ,how was it

upvoted 1 times

BobPresh 1 month, 2 weeks ago

B is the right Answer

upvoted 2 times

skmmmf 2 months ago

Answer is B.

Textbox with links can be used for links to any URL.

Button with action as Page Navigation is the easiest way.

upvoted 3 times

Marina_111 2 months, 1 week ago

Selected Answer: B

B >> can use bookmark feature

upvoted 1 times

sna4 4 months, 2 weeks ago

I would go for C. :)

Power BI enables data insights and better decision-making, while Power Apps enables everyone to build and use apps that connect to business data. Using the Power Apps visual, you can pass context-aware data to a canvas app, which updates in real time as you make changes to your report. Now, your app users can derive business insights and take actions from right within their Power BI reports and dashboards.

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/powerapps-custom-visual>

upvoted 3 times

lhueghian 4 months, 2 weeks ago

I had this in my Exam today 16/10 and say B

upvoted 2 times

DhirajK 4 months, 3 weeks ago

B is the correct answer.

upvoted 1 times

🗨️ 👤 **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 2 times

🗨️ 👤 **Julius_Dold_Learn** 6 months, 2 weeks ago
you got everything in the exam :D
upvoted 22 times

🗨️ 👤 **vaampeere** 3 months, 2 weeks ago
are these paid ppl who say 'got this xx/xx' ?
I see same names repeated.
upvoted 4 times

🗨️ 👤 **PHONI** 4 months, 1 week ago
LOL!.....
upvoted 1 times

🗨️ 👤 **jiggybrain** 4 months, 3 weeks ago
😂😂😂😂😂 hahaha
upvoted 1 times

🗨️ 👤 **mss_1369** 6 months, 3 weeks ago
if it's B, the action Type should be Page, shouldn't it?
upvoted 3 times

🗨️ 👤 **snaa4** 4 months, 1 week ago
There is no such action as just "Page". In Power BI you will find only "Page Navigation".
upvoted 1 times

🗨️ 👤 **Analyst_BK** 7 months, 2 weeks ago
The answer is undoubtedly B.
upvoted 2 times

🗨️ 👤 **Tolution** 8 months ago
Note that you are not required to answer the business questions just click to view
upvoted 1 times

🗨️ 👤 **Daneas** 8 months, 2 weeks ago
I think is c, because it's made for users,desktop
upvoted 1 times

🗨️ 👤 **prabhjot** 9 months, 1 week ago
Ans is B
upvoted 3 times

🗨️ 👤 **cesar_datamachine** 9 months, 4 weeks ago
I should mark B. C option think is tricky
upvoted 3 times

🗨️ 👤 **mullered** 10 months, 2 weeks ago
The answer to the specific question is C.
The answer to the expected question is B.

The actual question is What should be included on the Menu Page?
The expected question is What can you do to make this work?
upvoted 4 times

You are developing a report page. Some users will navigate the report by using a keyboard, and some users will consume the report by using a screen reader.

You need to ensure that the users can consume the content on a report page in a logical order.

What should you configure in Microsoft Power BI Desktop?

- A. the tab order
- B. the layer order
- C. the bookmark order
- D. the X position

Correct Answer: A

If you find yourself unable to navigate to an object or visual while using a keyboard, it may be because the report author has decided to hide that object from the tab order. Report authors commonly hide decorative objects from the tab order. If you find that you cannot tab through a report in a logical manner, you should contact the report author. Report authors can set the tab order for objects and visuals.


Reference:


<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-consuming-tools>


 **Evert23** Highly Voted 1 year, 5 months ago
Correct


Source: <https://datasavvy.me/2018/12/26/tab-order-enhances-power-bi-report-accessibility/>
upvoted 64 times


 **cufta05** 4 months, 2 weeks ago
<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-consuming-tools>
upvoted 3 times


 **aclacl** Highly Voted 11 months ago
Correct answer. TAB ORDER
upvoted 11 times


 **skmmmf** Most Recent 2 months ago
Answer is A - Configuring Tab Order is the correct way to navigate the page using Keyboard
upvoted 1 times


 **Marina_111** 2 months, 1 week ago
A tab order >> will be a consistent way for keyboard and mouse user while layer order >> just order between the layer, not related in this case
upvoted 1 times


 **lhueghian** 4 months, 2 weeks ago
I got this question in my Exam and chose TAB ORDER
upvoted 1 times


 **DhirajK** 4 months, 3 weeks ago
A is the correct answer.
upvoted 2 times

 **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 3 times

 **Diginomad** 4 months, 2 weeks ago
what was your score in the exam?
upvoted 1 times

 **EmilyJiang** 5 months, 2 weeks ago
Me too. She got each question here in her exam.
upvoted 3 times

 **XiltroX** 5 months, 3 weeks ago
Is there a question that you didn't get? I've been studying the exams and checking out community messages with each question and this monotonous comment of your's appears on every question. Are you telling me you got 120 questions in your exam?
upvoted 6 times


 **Yuxls** 5 months ago
Lmao, calm down please. People get over 70% of the questions in their exams so its possible :)

upvoted 3 times

  **EddieChan** 5 months, 2 weeks ago

I am literally dead...

upvoted 3 times

  **tramynt** 7 months, 1 week ago

Tested, tab order

upvoted 2 times

  **Cherishworth** 10 months, 3 weeks ago

How can screen readers use Tab?

upvoted 1 times

  **HRK** 11 months, 2 weeks ago

Correct : see TAB ORDER in <https://docs.microsoft.com/en-us/learn/modules/data-driven-story-power-bi/2-report-layout>

upvoted 5 times

  **Silia** 11 months, 3 weeks ago

Correct Answer

Tab Order : is the order in Which user interact with the items on a page using the keyboard

upvoted 2 times

  **jiankang6666** 1 year ago

<https://datasavvy.me/2018/02/06/power-bi-screen-reader-accessibility/>
collect,answer is A ,tab order

upvoted 1 times

  **jiankang6666** 1 year ago



<https://datasavvy.me/2018/02/06/power-bi-screen-reader-accessibility/>
Correct!,answer is A

upvoted 1 times

  **JESUSBB** 1 year ago



A. Tab order is the correct answer.

upvoted 2 times

  **Nugi** 1 year, 1 month ago

A. Tab order is correct

upvoted 1 times

  **ETAN** 1 year, 2 months ago

can anyone help when to use tab order and layer order

upvoted 1 times

  **borinot** 1 year ago

Layer order is when two objects overlap visually, which one is over the other one. Tab order is when instead of using the mouse to put over a control or to move from one control to another like textbox or button, you want to use the tab button of the keyboard perhaps because you don't have a mouse

upvoted 3 times

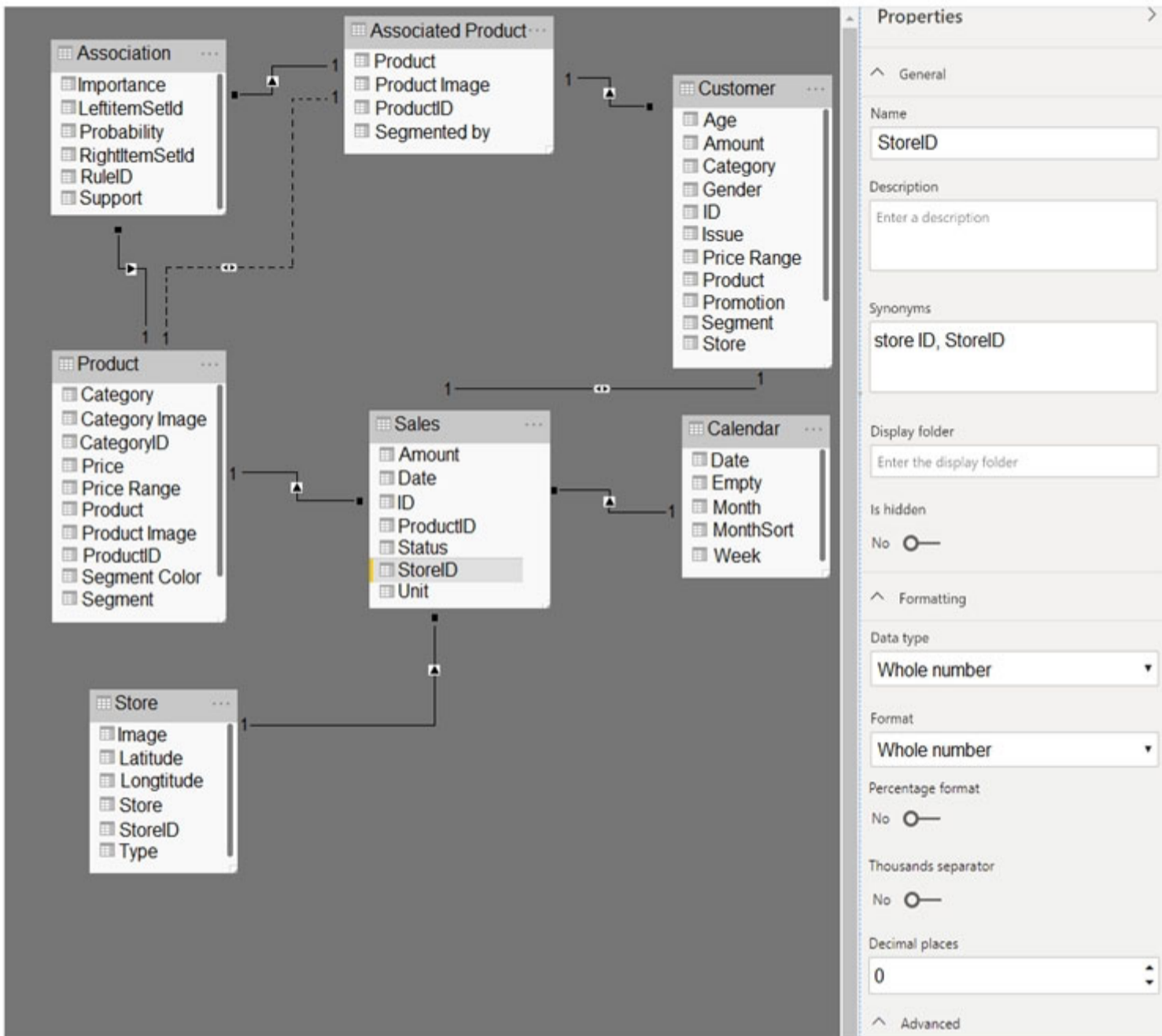
  **Lhouss** 1 year, 3 months ago

A. Tab Order

upvoted 1 times

HOTSPOT -

You have the Power BI data model shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

When a table visual is added to a blank report page and populated by using the StoreID field from the Sales table, a **[answer choice]** is displayed.

- distinct count of the StoreID values
- list of all the StoreID values
- list of the distinct StoreID values
- sum of the StoreID values

Adding a page filter of `Sales[StoreID] = 1` will filter the values displayed on the page from **[answer choice]**.

- all the tables related to the Sales table
- only the Sales table
- only the Store table
- the Sales table and the Customer table

Answer Area

When a table visual is added to a blank report page and populated by using the StoreID field from the Sales table, a **[answer choice]** is displayed.

Correct Answer:

Adding a page filter of `Sales[StoreID] = 1` will filter the values displayed on the page from **[answer choice]**.

	▼
distinct count of the StoreID values	
list of all the StoreID values	
list of the distinct StoreID values	
sum of the StoreID values	

	▼
all the tables related to the Sales table	
only the Sales table	
only the Store table	
the Sales table and the Customer table	

🗨️ **Aj123456** Highly Voted 10 months, 1 week ago

TESTED d and d

upvoted 69 times

🗨️ **Anonymous750** 7 months, 3 weeks ago

Sorry I just tested it and find a different result as you for the first question. I imported a table fact and a dimension to observe this behavior:

-Test 1: I added the 'Store ID' field in a table before making any relationship, the return is a SUM

Test 2: I created a relationship between the fact and Dimension table on Stored ID. When adding Store ID from fact table in the visual it returns a list this time.

Answer is B and D

upvoted 22 times

🗨️ **O_Anjum** 6 months, 1 week ago

StoreId field is of type Whole Number, so "sum".

upvoted 4 times

🗨️ **bunilggg** 7 months, 2 weeks ago

may be the problem is data type

upvoted 1 times

🗨️ **amolnk** 7 months, 3 weeks ago

I agree with you. I tested "StoreID" with relationship and without relationship and found same result as you mentioned.

upvoted 3 times

🗨️ **tranquanhuy2111** 3 months, 1 week ago

it could not take sum, as you can see that there is no Sigma symbol next to StoreID column in the model that explained this column is turned off "Auto Summarize"

upvoted 11 times

🗨️ **TalkingData** 4 months, 3 weeks ago

Sorry, bit I think you're wrong. The first answer is (c) List Distinct StoreID Values. There is no default summarization on the StoreID field in Sales as shown in the model diagram (the sigma symbol isn't present). Also, as this is a key field, there is no default summarization.

I agree that (d) is correct for the second part of the question - there is a bi-directional filter present on the relationship between Sales and Customers.

upvoted 27 times

🗨️ **ihustle** 3 months, 2 weeks ago

You are right.

upvoted 1 times

🗨️ **Iroshan4** Highly Voted 10 months ago

D and D.

Because Store ID is formatted as a whole number and and default summarization is Sum.

And filter propagates only to the customer table. Other connections comes towards the store table.

upvoted 36 times

🗨️ **presidentjoe2** 9 months, 2 weeks ago

Wouldn't there be a sigma symbol next to Store ID in the model view if the default summarization was set to sum? It looks like it's set to don't summarize which means the table will display a list of distinct Store ID values.

upvoted 25 times

🗨️ **andimohr** 8 months ago

Extremely good point!!!!!! Thanks for that hint. I was just angry that they didn't show the advanced options for Store ID - but yes - if you switch the advanced option "summarize by" to none the sigma symbol vanishes. The answer is definitely "list of all the StoreID values for the upper box.

upvoted 3 times

🗨️ **andimohr** 8 months ago

Sorry, not quite - it only eliminates that "sum of the store ID values" is the solution. I think, indeed, a list of distinct Store ID values will be displayed. But i only tested it with non-numeric sample data - and am not sure.

upvoted 8 times

  **RowSwanson** 3 months, 2 weeks ago

I tested it w/ a whole number field, it's list of distinct StoreID values

upvoted 6 times

  **Bhavya_G** 3 weeks, 2 days ago

first is not D. I wont sum the values as summerize option is disabled in the properties. That is why we are not seeing sigma symbol next to store ID.

upvoted 2 times

  **ricknash** 9 months, 3 weeks ago

towards *sales table

upvoted 1 times

  **Ashley090521** Most Recent 1 week, 3 days ago

The answer is right. B & B.

upvoted 1 times

  **racemSahnoun** 4 weeks, 1 day ago

Tested C and D

upvoted 4 times

  **virajwannige** 1 week, 6 days ago


This seems correct

upvoted 1 times

  **Ayokeyz** 1 month, 2 weeks ago



Please who has the whole dumps for dp100(pdf) to please send to my gmail: ogundepojohn94@gmail.com Its restricting my access here

upvoted 1 times

  **Ous01** 1 month, 4 weeks ago

According to the drawing, sales table does will not filter Store table. If I have two visuals, one per table, Store visual will filter out Sales but not the other way around. So the 2nd answer is only the sales table

upvoted 1 times

  **mnatka** 1 month, 4 weeks ago

Tested -> B and D

upvoted 3 times

  **skmmmf** 2 months ago

Answer is C and D :

1. Since in model, there is no Sigma sign, it is not summarized though data type is Whole number. If we drag it to a blank table, it will show list of distinct StoreID values. Incase if there are other fields already in that table, then it will not show distinct values.

2. Since there is a bi-directional relationship between Sales & Customer, page filter on StoreID = 1, will filter both Sales and Customer tables

upvoted 6 times

  **HuongBui** 2 months ago


Tested. Answer is C and D

1. Create a data model as the exhibit

2. Create a blank table on the report page, drag Sales[StoreID]. It return a list of distinct values of StoreID

3. Create a new blank table, drag Customers[ID] and drag Sales[StoreID] to Filter on all pages. It return filter both Sales and Customers

upvoted 9 times

  **Tina377** 2 months, 3 weeks ago

tested. B and D.


When has relationship, then automatically turned off "Auto Summarize"

upvoted 3 times

  **hanchihl** 3 months ago

Tested and the answers are C and D.

upvoted 5 times

  **TapZxK** 3 months, 1 week ago

Tested just now. correct answer is A & D

Table visual will return a Distinct Count of Store ID Values. It won't sum them up even though the data type is set to whole number. test it yourself, it only will take you 2 min.



I created excel with one column Store ID and numbers from 1 - 29 in each row. set the data type to whole number and when I placed it in table visual I got 29, if it would sum up it would have been 435

upvoted 3 times

  **jpybs** 3 months, 1 week ago

Hello Guys, I Have a question, Can I open a word file with the answers during the exam certification?, becuase, yes I've learned but I would like to have support, I'm a little nervous for this

upvoted 1 times

  **uncle** 3 months, 1 week ago

Answer: List of Distinct StoreID Values, Customer and Sales Tables

upvoted 4 times



  **kludio92** 3 months, 2 weeks ago

D an D.

- Store ID is formatted as a whole number and default summarization is Sum.

- You have to analyze the arrows direction!

upvoted 3 times

  **semwaja** 3 months, 2 weeks ago

For the first one, it seems that there could be 2 possibilities depending on how you populate the table visual. If you drag and drop the StoreID onto the Values box in the Visualizations pane, you get a Count of StoreID, hence answer (A). But if you click StoreID from the Fields pane, you get a distinct list of StoreID, hence answer (C).

For second one, due to the bi-directional filter on the relationship, it's a general consensus, answer (D).

upvoted 2 times

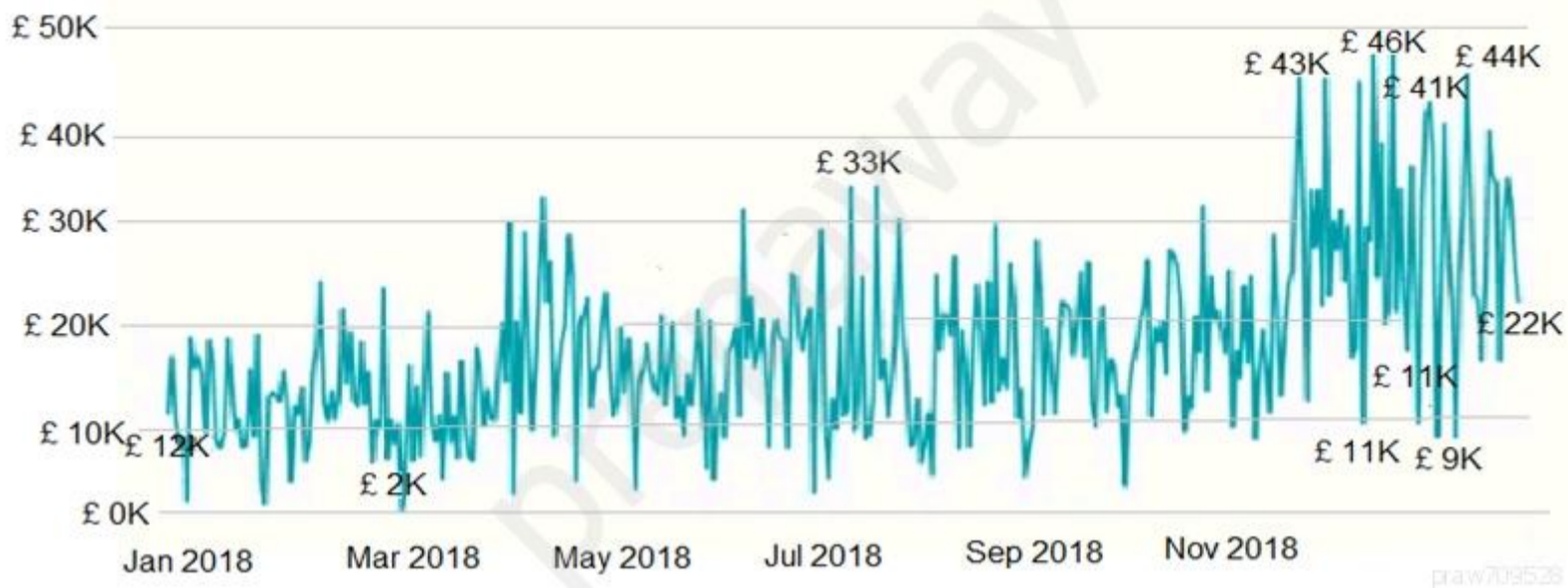
  **asia2301** 3 months, 3 weeks ago

C and A

upvoted 1 times

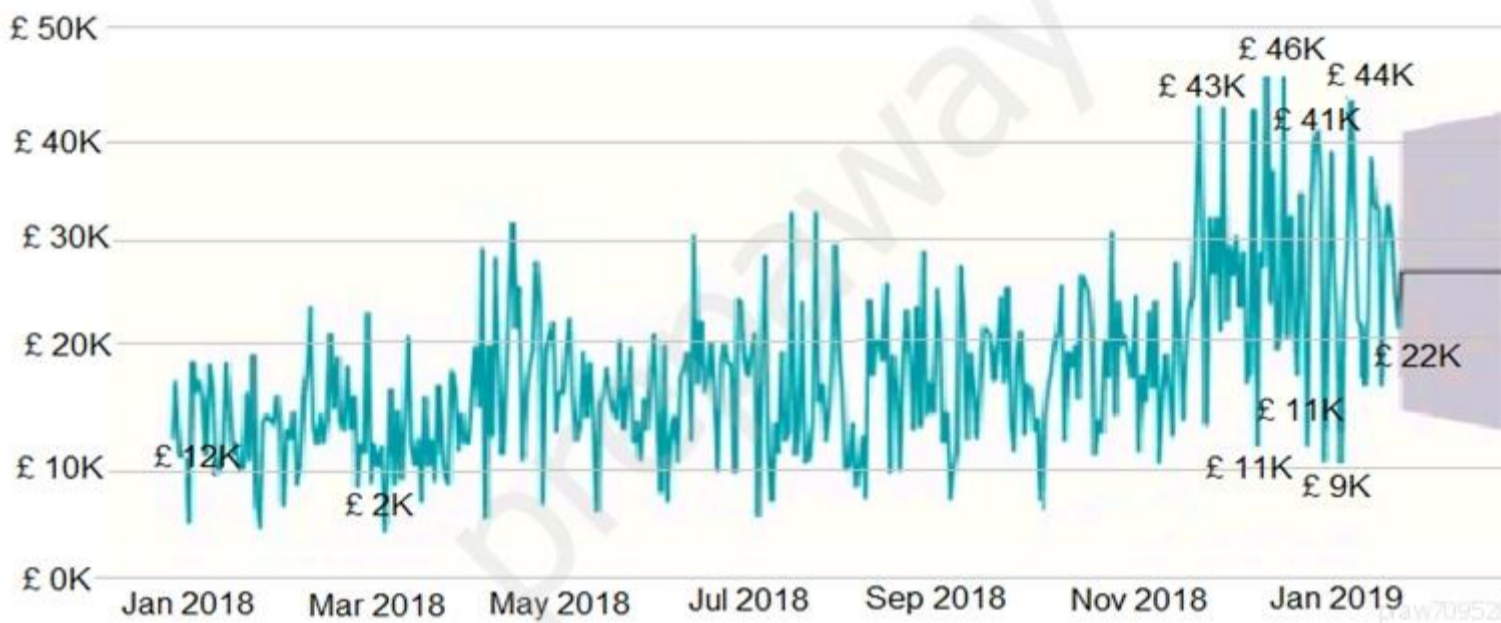
You have the visual shown in the Original exhibit. (Click the Original tab.)

Sales



You need to configure the visual as shown in the Modified exhibit. (Click the Modified tab.)

Sales

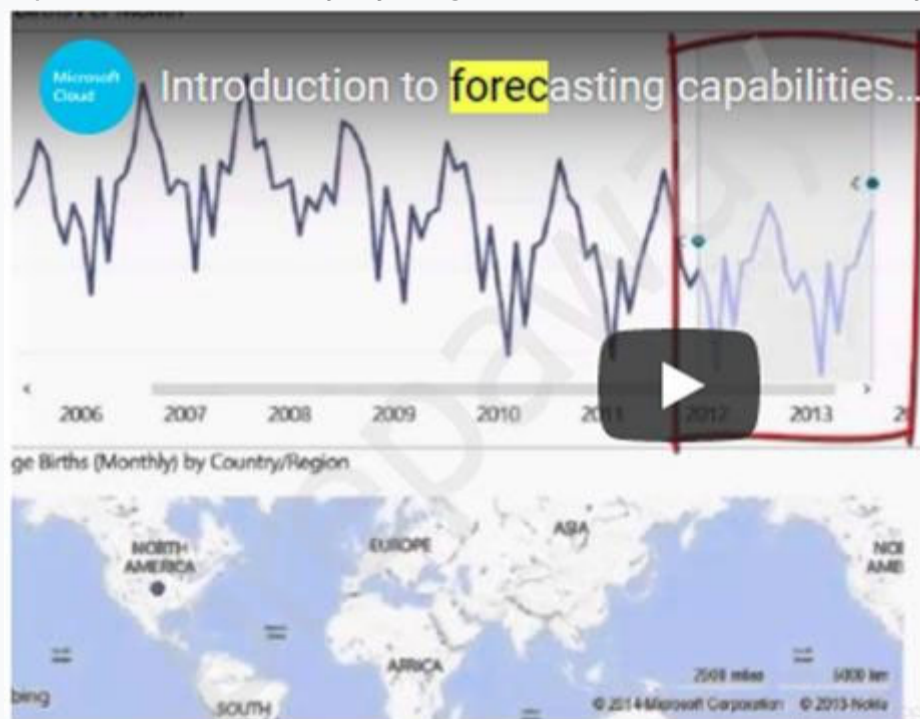


What should you add to the visual?

- A. an Average line
- B. a forecast
- C. a measure
- D. a trendline

Correct Answer: B

Explore forecast results by adjusting the desired confidence interval or by adjusting outlier data to see how they affect results.



Reference:

<https://powerbi.microsoft.com/fr-fr/blog/introducing-new-forecasting-capabilities-in-power-view-for-office-365/>

upvoted 9 times

🗨️ 👤 **YTYTYTYTYT** Most Recent 2 months, 4 weeks ago

YES RIGHT

upvoted 1 times

🗨️ 👤 **MScapris** 3 months, 3 weeks ago

TRUE answer !

upvoted 2 times

🗨️ 👤 **nowwin** 5 months, 1 week ago

question in exam on 18th September

upvoted 3 times

🗨️ 👤 **Nadiaa** 6 months ago

Is this right ?

upvoted 2 times

🗨️ 👤 **topzy12** 5 months, 3 weeks ago

Forecast is the correct answer

upvoted 1 times

🗨️ 👤 **PiyushTamaskar** 6 months ago

Yes, this is correct. We can add it by using Analytics section on line chart and add Forecast.

Forecast contains following parameters,

- Forecast Length
- Ignore Last Points
- Confidential interval
- Seasonality points

upvoted 2 times

You have a Microsoft Power BI dashboard.

You need to ensure that consumers of the dashboard can give you feedback that will be visible to the other consumers of the dashboard.

What should you use?

- A. Mark as favorite
- B. Feedback
- C. Comments
- D. Subscribe

Correct Answer: C

You can add a personal comment or start a conversation about a dashboard or report with your colleagues. The comment feature is just one of the ways a business user can collaborate with others.

Reference:

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-comment>

Community vote distribution



nowwin Highly Voted 6 months ago

I too
think Comments is correct
upvoted 21 times

NhiN Most Recent 1 month ago

Selected Answer: C

definitely C
upvoted 2 times

phoebe01 1 month, 2 weeks ago

Selected Answer: C

Comments is correct
upvoted 1 times

skmmmf 2 months ago

Answer is C - With comments you can collaborate with your colleagues.... Post & respond to a comment
upvoted 1 times

Shan 2 months ago

In exam 30/12/21
upvoted 1 times

creditiridium 2 months, 1 week ago

Selected Answer: C

comments
upvoted 2 times

lhueghian 4 months, 2 weeks ago

This came in the examen and i Said Comment
upvoted 1 times

DhirajK 4 months, 3 weeks ago

Yes, C is the right answer.
upvoted 1 times

HaliBrickclay 5 months ago

Comments
upvoted 1 times

Nadiaa 6 months ago

Is this right ?
upvoted 1 times

Moadaje 6 months ago

comment is the correct answer
upvoted 1 times

noorul99 6 months ago

Yes comments is correct
upvoted 1 times

Question #18

Topic 3










You are creating a visual to show the ranking of product categories by sales revenue.
Your company's security policy states that you cannot send data outside of your Microsoft Power BI tenant.
Which approach provides the widest variety of visuals while adhering to the security policy?

- A. Use default or certified AppSource visuals.
- B. Use only default visuals.
- C. Use default visuals or visuals uploaded from a .pbviz file.
- D. Use default or any AppSource visuals from the marketplace.

Correct Answer: A

Reference:

<https://datasavvy.me/2019/02/28/what-data-is-being-sent-externally-by-power-bi-visuals/>

-  **ihueghian** Highly Voted 4 months, 2 weeks ago
I had this in the Exam and I said A Default & Certified 16/10
upvoted 15 times
-  **Hichem17** Most Recent 2 weeks, 3 days ago
Correct is A
upvoted 2 times
-  **BobPresh** 1 month, 2 weeks ago
Answer is A
upvoted 2 times
-  **skmmmf** 2 months ago
Answer is A - Use default or certified AppSource visuals. We cannot trust uncertified visuals in marketplace.
upvoted 1 times
-  **adbukavu** 2 months, 4 weeks ago
Certified Power BI visuals are Power BI visuals in AppSource that meet the Microsoft Power BI team code requirements. These visuals are tested to verify that they don't access external services or resources, and that they follow secure coding patterns and guidelines
upvoted 3 times
-  **DhirajK** 4 months, 3 weeks ago
given Answer is correct.
upvoted 1 times
-  **MiaLang** 5 months, 4 weeks ago
Getting visuals in AppStore certified are not mandatory. Visuals can be secure even though they are not certified. Still agree with the answer, if not sure you should only use standard and certified visuals.
upvoted 4 times
-  **noorul99** 6 months ago
tentatively agree
upvoted 2 times
-  **Boualida100** 6 months ago
answer is correct !
upvoted 1 times

You have a Microsoft Power BI dashboard. The report used to create the dashboard uses an imported dataset from a Microsoft SQL Server data source.

The dashboard is shown in the exhibit. (Click the Exhibit tab.)



What occurred at 12:03:06 PM?

- A. The dashboard tile cache refreshed.
- B. A new transaction was added to the data source.
- C. A user pressed F5.
- D. A user added a comment to a tile.

Correct Answer: A

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/refresh-data>

lassoen Highly Voted 5 months, 1 week ago

volgens Peter is het A
upvoted 9 times

jopie123 2 months ago

Bedankt Peter
upvoted 2 times

timovic 3 months, 2 weeks ago

Who the **** is peter :P
upvoted 13 times

🗨️ **kbnb** Highly Voted 6 months ago

I think this is right because the model is connected to a SQL Server.

upvoted 6 times

🗨️ **Soh_b** Most Recent 3 days, 11 hours ago

The question says it uses imported dataset. The automatic tile refresh happens for direct query/live connect and there is no need for tile refresh for imported dataset as data refresh will be done externally in this case.

Ref: <https://docs.microsoft.com/en-us/power-bi/connect-data/refresh-data>

upvoted 1 times

🗨️ **JohnZz** 1 week, 2 days ago

Answer is A

upvoted 1 times

🗨️ **kblee** 2 months, 1 week ago

Answer is A

upvoted 1 times

🗨️ **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 2 times

🗨️ **YTYTYTYTYT** 2 months, 4 weeks ago

A is right

upvoted 2 times

🗨️ **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 4 times

🗨️ **lhueghian** 4 months, 2 weeks ago

I had it too 16/10

upvoted 1 times

🗨️ **HaliBrickclay** 5 months ago

yes its A

upvoted 2 times

🗨️ **Nadiaa** 6 months ago

Is this right ?

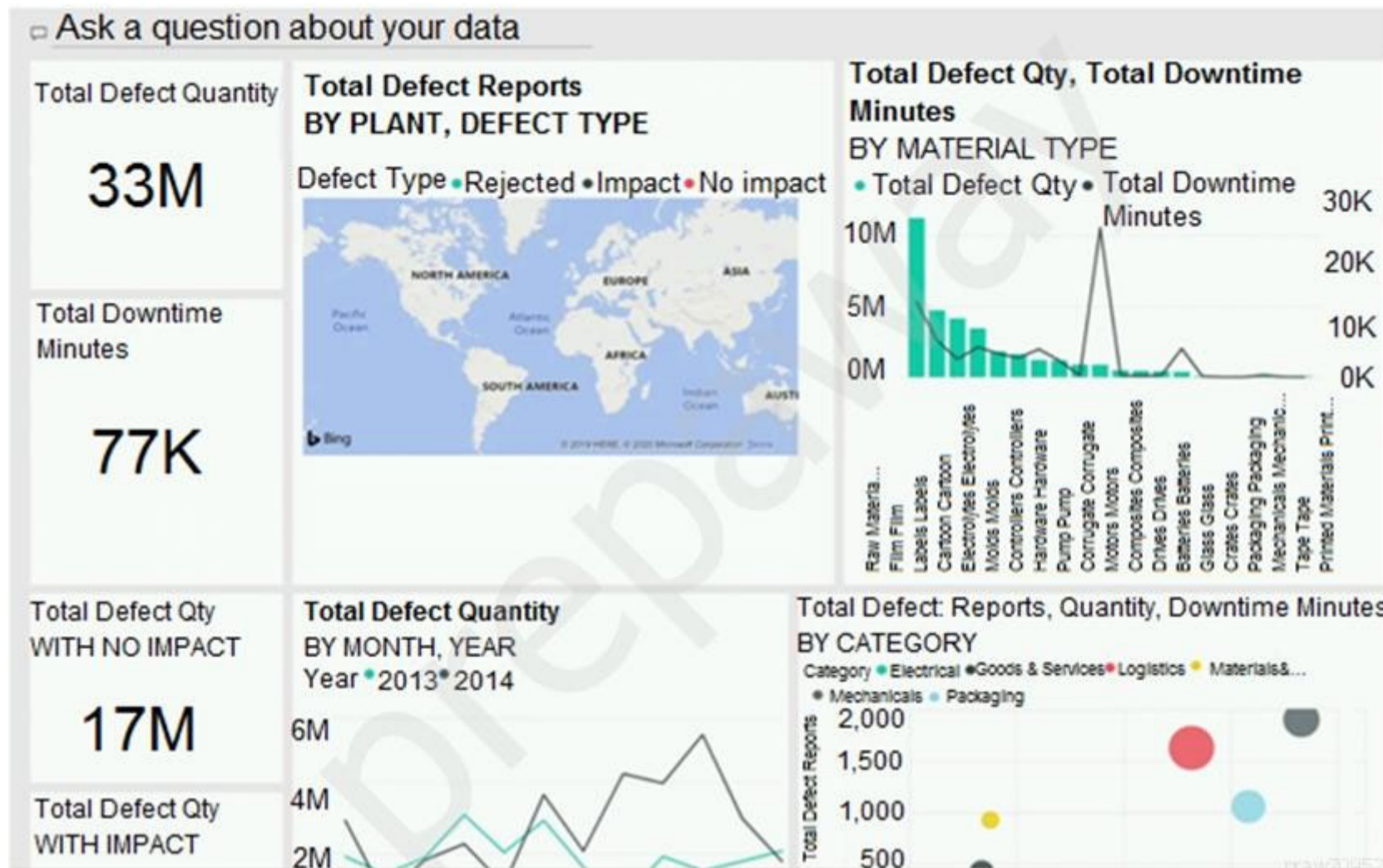
upvoted 1 times

🗨️ **Moadaje** 6 months ago

yes , Power BI still performs cache refreshes for any tiles used on top of a push dataset

upvoted 2 times

You have a dashboard that contains tiles pinned from a single report as shown in the Original Dashboard exhibit. (Click the Original Dashboard tab.)



You need to modify the dashboard to appear as shown in the Modified Dashboard exhibit. (Click the Modified Dashboard tab.)



What should you do?






- A. Edit the details of each tile.
- B. Change the report theme.
- C. Change the dashboard theme.
- D. Create a custom CSS file.












Correct Answer: B

With Power BI Desktop report themes, you can apply design changes to your entire report, such as using corporate colors, changing icon sets, or applying new default visual formatting. When you apply a report theme, all visuals in your report use the colors and formatting from your selected theme as their defaults.

Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-report-themes>

-  **Bernie2206** Highly Voted 1 year, 5 months ago
C is correct.
upvoted 146 times
-  **SaeedJei** 4 months, 2 weeks ago
did you guys mention the 'pinned from a single report ' in the question? what if it is a live report page? in this case the answer should be B.
upvoted 3 times
-  **Eliesun** 2 months, 3 weeks ago
Good point, although the text states: "contains tiles pinned from a single report" - tiles in plural. A single report would be a single tile.
upvoted 2 times
-  **Piiri565** 11 months, 4 weeks ago
I have tried the report theme, and got the same as output within 2 clicks, so the given answer is correct but didn't tried dashboard theme, So if 2 possibilities are given we can select both B and C
upvoted 3 times
-  **mullered** 10 months, 2 weeks ago
According to Microsoft the correct answer is to edit the theme of the dashboard
<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-themes>

Remember dashboards are only available in Power BI Report Service.
upvoted 17 times
-  **Zakriya** 10 months, 1 week ago
Dashboard Theme is correct
upvoted 10 times
-  **ThePrincess** 9 months, 3 weeks ago
C: Change the Dashboard theme
upvoted 4 times
-  **chakri007** Highly Voted 1 year, 4 months ago
C is the correct answer. I've tested this in both reports and dashboards. Use the "Dashboard theme" option from a dashboard and choosing the Dark theme will give the required output as per the question. Changing the report theme doesn't impact the colour/theme of the Dashboard. Similarly, all the tiles coming from a single report or multiple reports is irrelevant here.
upvoted 39 times
-  **GreenyErin** 11 months, 1 week ago
Tested, changing dashboard theme does the trick.
upvoted 2 times
-  **Amira_tun** Most Recent 1 week ago
C is correct
<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-themes>
upvoted 1 times
-  **James_8341** 1 week, 6 days ago
it is C
B is for Pin Live.
upvoted 1 times
-  **123CCM** 2 weeks, 1 day ago
C is correct.
upvoted 2 times
-  **andreazz** 3 weeks, 1 day ago
Selected Answer: B
C is not correct, it's B. If you change the dashboard theme, the tiles background doesn't change. You have to change the report theme directly.
upvoted 3 times
-  **James_8341** 3 weeks, 6 days ago
I tried, B can achieve the required as it is coming from single page (only if it is coming from a single page). C can not change visual background. So B is correct.
upvoted 1 times
-  **racemSahnoun** 4 weeks, 1 day ago
Selected Answer: C
C is correct.
upvoted 2 times
-  **tss_rao** 1 month, 2 weeks ago
Selected Answer: C

Edit theme option for the dashboard is available while the same is not available for a report. Individual visuals should be formatted to get it. But it can be done using the edit theme on the dashboard and changing it to Dark.

upvoted 2 times

🗨️ 👤 **phoebe01** 1 month, 2 weeks ago
just change the dashboard theme
upvoted 1 times

🗨️ 👤 **skmmmf** 2 months ago
Answer is C: Change the Dashboard theme.
When you apply a dashboard theme, all visuals / tiles on your dashboard use the colors from your selected theme except "live report pages". In question it is not mentioned as live report pages. It is mentioned as "Tiles pinned from single report"
upvoted 2 times

🗨️ 👤 **MDiawara** 2 months ago
C is correct
upvoted 2 times

🗨️ 👤 **kiranshegde** 2 months, 1 week ago
I go for Option C, because in the question, they mentioned to modify the dashboard to appear as in the target. By changing the dashboard theme will solve this problem. If we go for changing the report theme, we need to use power bi desktop and then publish to power bi service to reflect in dashboard. Although both B and C solve the problem, C seems to be simple and relevant
upvoted 1 times

🗨️ 👤 **Siva2104** 2 months, 1 week ago
Answer C:
The question is specifically focusing on Dashboard
upvoted 2 times

🗨️ 👤 **WW219** 2 months, 2 weeks ago
Selected Answer: C
Only if the Whole dashboard was a live report, B could be an answer.
But what's been told is the tiles are pinned from a single report so it's not a live report.
B can't be the answer.
upvoted 2 times

🗨️ 👤 **ERBIJ** 2 months, 2 weeks ago
Selected Answer: C
C is correct
upvoted 2 times

🗨️ 👤 **narvaezmauro** 2 months, 2 weeks ago
I think correct answer is C:
With dashboard themes you can apply a color theme to your entire dashboard, such as corporate colors, seasonal coloring, or any other color theme you might want to apply. When you apply a dashboard theme, all visuals on your dashboard use the colors from your selected theme.
<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-themes>
upvoted 1 times

DRAG DROP -

You are using existing reports to build a dashboard that will be viewed frequently in portrait mode on mobile phones.

You need to build the dashboard.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions	Answer Area
Pin items from the reports to the dashboard.	
Rearrange, resize, or remove items from the phone view.	
Edit the Dashboard mobile view.	⬅️ ⬆️
Open the dashboard.	⬆️ ⬇️
Create a phone layout for the existing reports.	

Correct Answer:

Actions	Answer Area
	Pin items from the reports to the dashboard.
	Open the dashboard.
	Edit the Dashboard mobile view.
	Rearrange, resize, or remove items from the phone view.
Create a phone layout for the existing reports.	

In Power bi service you can optimize your power bi dashboard for mobile in 4 steps:

- ☞ Pin the items from the reports to the dashboard.
- ☞ Open the dashboard.
- ☞ Change the dashboard view to Phone view.
- ☞ Rearrange, resize or remove the items from the phone view.

Reference:

<https://devworx.net/power-bi-dashboard-for-mobile/>

aguilartu1 Highly Voted 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answer:

- Pin Items
- Open the dashboard
- Edit the dashboard
- Rearrange, resize, or ...

upvoted 30 times

mirzotti 2 months, 2 weeks ago

It should be:

- 1.Open
- 2.Edit
- 3.Create mobile view
- 4.Rearrange

and that's it. you don't need to save or anything. just switch back to 'web view'

upvoted 3 times

  **djmikeyb** 1 month, 2 weeks ago

the "create mobile view" option here is for the reports though, not the dashboard. So i think @aguilartu1's answer is correct
upvoted 3 times

  **Atij** Highly Voted 4 months, 3 weeks ago

The answer is correct.
The mobile view in the report cannot be used directly as a mobile-view dashboard.
upvoted 9 times

  **Ari_** Most Recent 1 week ago

Hence, please :) should we do the "pin items" first or do the " open the dashboard" first?
upvoted 1 times

  **skmmmf** 2 months ago

Given answer is correct
upvoted 3 times

  **Shan** 2 months ago

In exam 30/12/21
upvoted 1 times

  **kwanalytics** 2 months, 1 week ago

On exam Dec. 27, 2021 - answered same as provided
upvoted 2 times

  **NOBODY1230** 2 months, 2 weeks ago

Ans is Correct
upvoted 2 times

  **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021
upvoted 1 times

  **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21
upvoted 2 times

  **eddile** 4 months, 3 weeks ago



why we pin the report items to the report first and not open the dashboard first?
upvoted 3 times

  **Twicher_nerd** 2 months ago

You are to identify the visuals you will like to have on your dashboard first by pinning before you open the dashboard. When you open the dashboard created all the pinned items will be displayed then you can edit and resize.
upvoted 1 times

  **lhueghian** 4 months, 3 weeks ago


Once you pin the report items, it then display the option to go to the dashboard not before, thats how dashboard are created if I'm not mistaken
upvoted 2 times

  **DhirajK** 4 months, 3 weeks ago

Given answer is correct.
upvoted 3 times

  **SliqueCia** 5 months ago

The answer indeed CORRECT
upvoted 3 times

  **anonymous8521** 5 months ago

Answer is Correct!
upvoted 4 times

You build a report to help the sales team understand its performance and the drivers of sales.

The team needs to have a single visualization to identify which factors affect success.

Which type of visualization should you use?

- A. Line and clustered column chart
- B. Key influencers
- C. Q&A
- D. Funnel chart

Correct Answer: B

The key influencers visual helps you understand the factors that drive a metric you're interested in. It analyzes your data, ranks the factors that matter, and displays them as key influencers.

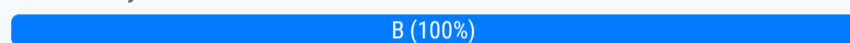
The key influencers visual is a great choice if you want to:

- ☞ See which factors affect the metric being analyzed.
- ☞ Contrast the relative importance of these factors. For example, do short-term contracts have more impact on churn than long-term contracts?

Reference:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-influencers>

Community vote distribution



Hermenez Highly Voted 1 year, 4 months ago

Key Influencers
upvoted 84 times

Astha1994 Highly Voted 10 months ago

correct
upvoted 6 times

Ari_ Most Recent 1 week ago

Definitely Key Influencers
upvoted 1 times

WHITE SPIRIT 1 month ago

can anyone with premium access can send me the pdf with the last 40 questions ? I'm willing to pay a contribution if needed. you can send me a message through examtopics. thanks
upvoted 2 times

Khush22 3 days, 11 hours ago

ok..let's do that..
upvoted 1 times

dolo_c 1 month, 2 weeks ago

All of you paid for the entire content? I would want to have access to the last 40 questions! but I'm not sure about pay on those kind of webs...
upvoted 2 times

Khush22 3 days, 11 hours ago

I can do that
upvoted 1 times

Shubh909 1 month, 3 weeks ago

Does anyone have contributor access for me to look into the questions. i could look up to only 80 ques. appreciate for the help!
upvoted 1 times

kwanalytics 2 months, 1 week ago

On exam Dec. 27, 2021 - answered same as provided
upvoted 1 times

NOBODY1230 2 months, 2 weeks ago

Ans is B
upvoted 1 times

sowjs135 2 months, 2 weeks ago

Answer is B- Key Influencers:
Analyze: (one key (drivers of sales) explain by (all the factors chosen)
upvoted 1 times

🗨️ **WW219** 2 months, 3 weeks ago

Selected Answer: B

Ans is B

upvoted 1 times

🗨️ **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

🗨️ **Emekamichael** 3 months ago

Did everyone here pay to complete this exam topics..I reached 76 next was contributors Access

upvoted 1 times

🗨️ **adjovi** 2 months, 4 weeks ago

oui ooo ils ont bloqué l'accès à un moment donné, normalement ce n'était pas comme ça

upvoted 1 times

🗨️ **Swatishri** 3 months ago

If you find a solution..please let me know..facing the same issue..

upvoted 2 times

🗨️ **VR31** 3 months ago

This happened with me as well, can't go beyond Q76. Any leads guys how you are accessing remaining questions

upvoted 1 times

🗨️ **croissant_** 3 months ago

Same! Few weeks ago I could access all sections, but not anymore. Let me know if you find a solution pls!

upvoted 1 times

🗨️ **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answer:

Key influencers

upvoted 2 times

🗨️ **Selma97** 4 months ago

Why it's not C ?

upvoted 1 times

🗨️ **imaaaa** 4 months, 2 weeks ago

B, indeed

upvoted 1 times

🗨️ **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 2 times

🗨️ **DhirajK** 4 months, 3 weeks ago

Key Influencers is correct.

upvoted 1 times

HOTSPOT -

You have a dataset named Pens that contains the following columns:

↻ Unit Price

↻ Quantity Ordered

You need to create a visualization that shows the relationship between Unit Price and Quantity Ordered. The solution must highlight orders that have a similar unit price and ordered quantity.

Which type of visualization and which feature should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Visualization: ▼

- A column chart of Quantity Ordered and Unit Price by year
- A line chart of Quantity Ordered and Unit Price by item
- A scatter plot of Quantity Ordered and Unit Price by item

Feature: ▼

- Automatically find clusters
- Explain the decrease
- Find where the distribution is different

Answer Area

Visualization: ▼

- A column chart of Quantity Ordered and Unit Price by year
- A line chart of Quantity Ordered and Unit Price by item
- A scatter plot of Quantity Ordered and Unit Price by item

Feature: ▼

- Automatically find clusters
- Explain the decrease
- Find where the distribution is different

Correct Answer:

Box 1: A scatter plot...

A scatter chart always has two value axes to show: one set of numerical data along a horizontal axis and another set of numerical values along a vertical axis. The chart displays points at the intersection of an x and y numerical value, combining these values into single data points.

Power BI may distribute these data points evenly or unevenly across the horizontal axis. It depends on the data the chart represents.

Box 2: Automatically find clusters

Scatter charts are a great choice to show patterns in large sets of data, for example by showing linear or non-linear trends, clusters, and outliers.

Reference:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-scatter>

👤 **maybelline_ny** Highly Voted 1 year, 3 months ago
 Agree with the answer
 upvoted 62 times















👤 **CDL** Highly Voted 1 year, 3 months ago
 correct.

<https://www.youtube.com/watch?v=64-eK-tdTPc>

 @4 min 50 sec, auto find cluster.
<https://www.youtube.com/watch?v=0RVNkemPmRY>
 upvoted 18 times

👤 **lhueghian** 4 months, 3 weeks ago
 Super useful, now I konw how to use this Visual
 upvoted 1 times

👤 **Analyst_BK** 7 months, 2 weeks ago
 Thanks!
 upvoted 1 times

- ☒  **Ari_** Most Recent 1 week ago
Answer is C and A
upvoted 1 times
- ☒  **soyc7** 2 months ago
Correct
upvoted 2 times
- ☒  **Amsterliese** 2 months, 2 weeks ago
Agree, scatterplot and find cluster. Keyword: relationship (between two numerical values)
upvoted 1 times
- ☒  **NOBODY1230** 2 months, 2 weeks ago
correct
upvoted 1 times
- ☒  **imaaaa** 4 months, 2 weeks ago
the answer is right
upvoted 2 times
- ☒  **lhueghian** 4 months, 2 weeks ago
I had this in the exam 16/10
upvoted 1 times
- ☒  **HaliBrickclay** 5 months ago
جواب درست ہے
upvoted 2 times
- ☒  **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 4 times
- ☒  **faridavaliyeva** 6 months, 2 weeks ago
how many questions that were here were there? What OLS questions were there?
upvoted 1 times
- ☒  **fhqfhqh** 9 months, 2 weeks ago
This question was in the exam.
upvoted 8 times
- ☒  **bpxgeek** 8 months, 2 weeks ago
True i saw it too
upvoted 2 times
- ☒  **JESUSBB** 1 year ago
The correct Answer:
Visualization: A scatter plot of Quantity Ordered and Unit Price by item.
Feature: Automatically find clusters
upvoted 4 times
- ☒  **imohweb** 1 year, 2 months ago
I agree with the answer
upvoted 1 times
- ☒  **ZIKO2020** 1 year, 3 months ago
I confirm , the answer is right. i tested it on Power BI desk
upvoted 3 times

You use an R visual to produce a map of 500,000 customers. You include the values of CustomerID, Latitude, and Longitude in the fields sent to the visual. Each customer ID is unique.

In powerbi.com, when users load the visual, they only see some of the customers.

What is the cause of the issue?

- A. The visual was built by using a different version of R.
- B. The data comes from a Microsoft SQL Server source.
- C. The data is deduplicated.
- D. Too many records were sent to the visual.

Correct Answer: D

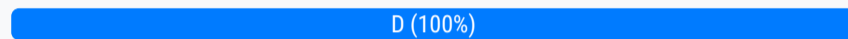
R visuals in the Power BI service have a few limitations including:

☞ Data size limitations ☞ Data used by the R visual for plotting is limited to 150,000 rows. If more than 150,000 rows are selected, only the top 150,000 rows are used and a message is displayed on the image. Additionally, the input data has a limit of 250 MB.

Reference:

<https://docs.microsoft.com/en-us/power-bi/visuals/service-r-visuals>

Community vote distribution



☒ **Hermenez** Highly Voted 1 year, 4 months ago

Correct

upvoted 40 times

☒ **VidSicious** Highly Voted 9 months, 4 weeks ago

Good to have such an agreement :-)

upvoted 8 times

☒ **Ari_** Most Recent 1 week ago

D is corret!

upvoted 1 times

☒ **KashifSiddiqui** 1 week, 4 days ago

Selected Answer: D

Option D, as R supports limited number

upvoted 1 times

☒ **ssicefox** 2 months ago

Correct

upvoted 2 times

☒ **soyc7** 2 months ago

Correct

upvoted 1 times

☒ **kwanalytics** 2 months, 1 week ago

On exam Dec. 27, 2021

upvoted 1 times

☒ **kblee** 2 months, 1 week ago

Selected Answer: D

Correct

upvoted 1 times

☒ **NOBODY1230** 2 months, 2 weeks ago

correct

upvoted 1 times

☒ **ERBIJ** 2 months, 2 weeks ago

Selected Answer: D

correct

upvoted 1 times

☒ **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

🗨️ 👤 **Jino_F** 2 months, 3 weeks ago

correct

upvoted 1 times

🗨️ 👤 **lhueghian** 4 months, 3 weeks ago

D is correct. The R Visual only support 150000 records.

upvoted 3 times

🗨️ 👤 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 2 times

🗨️ 👤 **HaliBrickclay** 5 months ago

جواب درست ہے

upvoted 1 times

🗨️ 👤 **tramynt** 7 months, 1 week ago

D no brainer

upvoted 4 times

🗨️ 👤 **TazzyT** 8 months, 1 week ago

Correct

upvoted 2 times

You have a line chart that shows the number of employees in a department over time.

You need to see the total salary costs of the employees when you hover over a data point.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Add a salary to the tooltips.
- B. Add a salary to the visual filters.
- C. Add salary to the drillthrough fields.

Correct Answer: AB

A: When a visualization is created, the default tooltip displays the data point's value and category. There are many instances when customizing the tooltip information is useful. Customizing tooltips provides additional context and information for users viewing the visual. Custom tooltips enable you to specify additional data points that display as part of the tooltip.

B: Visual Filter applies to a single visual/tile on a report page. You can only see visual level filters selected visual on the report canvas.

Note: This question currently requires two answers. Answer A is 100% correct. Answer B is not correct but it is the next best answer. Should this question should only require one answer, Answer A.

Incorrect Answers:

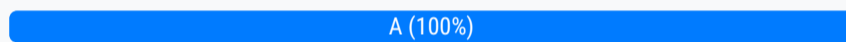
C: With drill through in Power BI reports, you can create a page in your report that focuses on a specific entity such as a supplier, customer, or manufacturer.

When your report readers use drill through, they right-click a data point in other report pages, and drill through to the focused page to get details that are filtered to that context. You can also create a button that drills through to details when they click it.

Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-custom-tooltips> <https://technovids.com/power-bi-filters/>

Community vote distribution



AraSaber Highly Voted 1 year, 4 months ago

Last Friday I did this exam and you have to choose only one answer. Which is actually very clearly is Tooltip.
upvoted 124 times

Akhila_V 10 months, 2 weeks ago

Yes, Option A seems to be very right. If you any dumps or practice questions of DA 100 could you please share.
upvoted 2 times

Trang 6 months ago

pls, share with me
upvoted 1 times

fffane 1 year, 4 months ago

Agree. It's an only one answer.
upvoted 9 times

memo43 10 months ago

Detail information about tooltip: <https://www.youtube.com/watch?v=z1Z1axRSMzM>
upvoted 1 times

Huodong 1 year, 2 months ago

same for me yesterday Dec 30, 2020
upvoted 8 times

pavan555manjunath Highly Voted 1 year ago

There is only one answer for it is Tool Tip, please let me know other guys you agree with this answer
upvoted 14 times

BobPresh Most Recent 1 month, 2 weeks ago

A is the answer Tooltip
upvoted 3 times

Shan 2 months ago

In exam 30/12/21 tooltips
upvoted 2 times

DTDL2002 2 months ago

Tool tip is very clear. The other option can be drill through. There is a feature to show the drill through when hovering the mouse over the visual.
https://www.youtube.com/watch?v=1_ZNSmMVKCE

upvoted 2 times

🗨️ **Siva2104** 2 months, 1 week ago

Answer is A:

In question it is specifically mentioned "Hover over" Visula level filter and drillthrough wont work here

upvoted 1 times

🗨️ **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021 but just have to select one option

upvoted 1 times

🗨️ **toaldoe** 3 months, 1 week ago

Selected Answer: A

It is clearly tooltip

upvoted 2 times

🗨️ **Jess_** 3 months, 2 weeks ago

Selected Answer: A

Only A is the correct answer

upvoted 3 times

🗨️ **aet1988** 4 months, 2 weeks ago

Had this question on 18 Oct, there was only one option to choose

upvoted 2 times

🗨️ **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21 - only need to choose 1 answer

upvoted 5 times

🗨️ **Kiran37** 5 months, 1 week ago

A is correct.

The word hover is possible only through tooltip

upvoted 3 times

🗨️ **Vulkany** 6 months, 2 weeks ago

Correct Answer: A and C

Create a line graph, for example of sales, throughout the year.

Then put in Tooltips a measure, for example, quantity of products sold.

You will see that when you move the mouse over the graph it will show the sales figures and the number of products sold.

upvoted 2 times

🗨️ **Syndhu** 8 months, 3 weeks ago

Can anyone please tell whether selecting option A alone will be sufficient?

upvoted 1 times

🗨️ **Akhila_V** 10 months, 2 weeks ago

Hi All,

i have to give exam in a week if someone can guide me how to clear and share any dumps related to DA -100 exam will be quite useful. Thanks in advance.

upvoted 2 times

🗨️ **bbw** 8 months, 4 weeks ago

writing the exams next week, can anyone help with dumps

upvoted 1 times

🗨️ **RehafKH** 10 months, 4 weeks ago

adding filter doesnt show the salary when u put ur cursor on the point. its only one answer which is A

upvoted 3 times

🗨️ **JESUSBB** 1 year ago

A is the correct answer.

upvoted 5 times

You have a report that contains a bar chart and a column chart. The bar chart shows customer count by customer segment. The column chart shows sales by month.

You need to ensure that when a segment is selected in the bar chart, you see which portion of the total sales for the month belongs to the customer segment.

How should the visual interactions be set on the column chart when the bar chart is selected?

- A. no impact
- B. highlight
- C. filter

Correct Answer: C

Filters remove all but the data you want to focus on. Highlighting isn't filtering. It doesn't remove data, but instead highlights a subset of the visible data; the data that isn't highlighted remains visible but dimmed.

Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-reports-visual-interactions>

Community vote distribution



- Evert23** Highly Voted 1 year, 5 months ago
Should be B. Highlight will show the portion of Total Sales
upvoted 188 times
- Zakriya** 10 months, 1 week ago
Answer should be B
upvoted 8 times
- VR1** Highly Voted 1 year, 5 months ago
Ans should be B. We want to see the portion of the total Sales and not filter to the actual part
upvoted 28 times
- BobPresh** Most Recent 1 month, 2 weeks ago
Selected Answer: B
B is the answer
upvoted 3 times
- BKA13** 1 month, 2 weeks ago
Selected Answer: B
It's B
upvoted 2 times
- TapZxK** 2 months, 2 weeks ago
Admins, please change this to B, everyone in comments is saying it is B. I agree too.
upvoted 2 times
- ERBIJ** 2 months, 2 weeks ago
Selected Answer: B
The question is which portion of total. So 'highlight' must be the choice.
upvoted 2 times
- Deodatto** 2 months, 3 weeks ago
Selected Answer: B
show portion of total sales.... only highlights do this.
upvoted 2 times
- aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
my answer:
highlight
upvoted 2 times
- Selma97** 4 months ago
B must be the correct answer
upvoted 1 times
- Thong** 4 months, 2 weeks ago

A - incorrect. Nothing happens when selecting customer segment
B - correct. Selecting a customer segment doesn't change the height of the column chart but indicates a portion in a darker color (normally)
C - incorrect. Selecting a customer segment changes the height of the column chart because the values of Sales will be filtered accordingly.
upvoted 3 times

🗨️ 👤 **tahirali69** 5 months, 1 week ago

Answer is B- Tested!

upvoted 1 times

🗨️ 👤 **Mind07** 5 months, 1 week ago

Is the correct answer C, read the statement not the question. The bar visualization has three options of how filter interacts between other visuals. The statement key work is see the portion when you select the visual in one side so configure the interaction with filter option.

upvoted 2 times

🗨️ 👤 **Dizzystar** 5 months, 4 weeks ago

Sure? This is what it says 'How should the visual interactions be set on the column chart when the bar chart is selected?' To be set, is before you select/highlight something..

upvoted 1 times

🗨️ 👤 **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.

upvoted 2 times

🗨️ 👤 **techspert316** 5 months, 2 weeks ago

what was ur answer??

upvoted 3 times

🗨️ 👤 **eurekamike** 7 months ago

Highlight keeps the same data and shows the portion you selected as highlighted.

Filter will filter the data and change the context. When filtered, all the other data is removed and you have a 100% of whatever you selected.

upvoted 1 times

🗨️ 👤 **saibayyarapu** 7 months, 1 week ago

Hi

What is customer count by customer segment means? is number of Customers by customer name. What fields do we use to plot bar chart

upvoted 1 times

🗨️ 👤 **Andy7622** 8 months, 3 weeks ago

Guys if anyone could explain it. We have column chart sales by month. Then we click a customer segment on the bar chart and I believe we are supposed to see all the same columns but with different values. Isn't it a filtering ?

upvoted 1 times

🗨️ 👤 **Andy7622** 8 months, 3 weeks ago

Highlighting highlights related data and dims the rest one. Does it mean that each column would be partially highlighted and partially dimmed if the correct answer is 'B'?

upvoted 1 times

🗨️ 👤 **Andy7622** 8 months, 3 weeks ago

Thank you everyone. I've already tested it. Correct answer is 'B' -highlight.

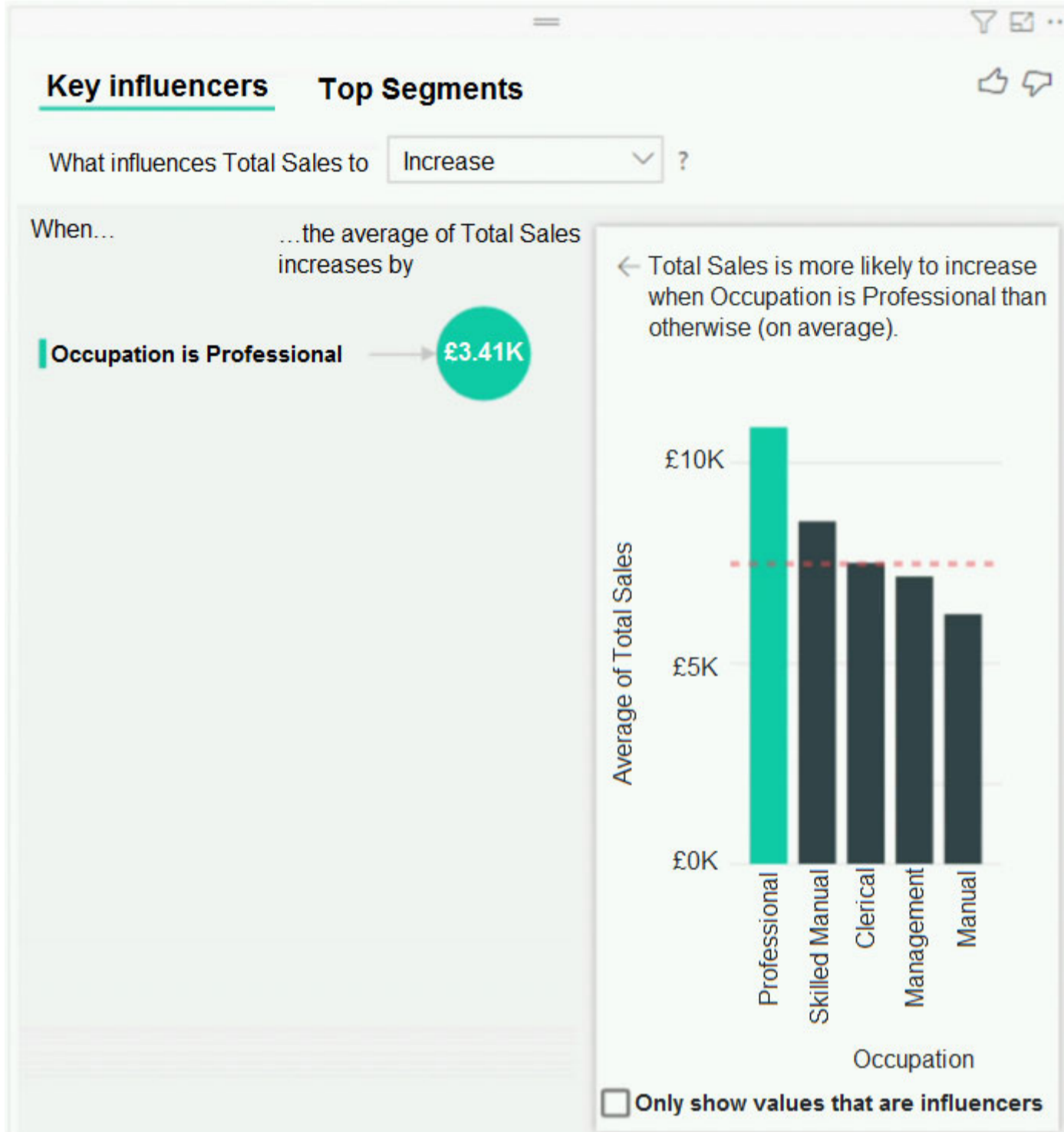
upvoted 2 times

HOTSPOT -

You have a table that contains the following three columns:

- ↻ City
- ↻ Total Sales
- ↻ Occupation

You need to create a key influencers visualization as shown in the exhibit. (Click the Exhibit tab.)



How should you configure the visualization? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Analyze: ▼

City
Occupation
Total Sales

Explain by: ▼

City
Occupation
Total Sales

Expand by: ▼

City
Occupation
Total Sales

Answer Area

Correct Answer:

Analyze:

City
Occupation
Total Sales

Explain by:

City
Occupation
Total Sales

Expand by:

City
Occupation
Total Sales

Box 1: Total Sales -

Box 2: Occupation -

Box 3: City -

You can use Expand By to add fields you want to use for setting the level of the analysis without looking for new influencers.

Reference:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-influencers>

 **Hermenez** Highly Voted 1 year, 4 months ago

Total Sales is what we analyze, we explain by occupation and expand by city.
correct

upvoted 85 times

 **ashishashokan** 10 months ago

correct!

upvoted 3 times

 **Ab5381** 1 year, 1 month ago

You do not want City to act as Influencer and hence better to use it as Expand By

upvoted 11 times

 **jerryl** Highly Voted 1 year, 3 months ago

Why do we need city here? I don't see any word mentioning the analysis requirement on city

upvoted 46 times

 **Bagoo** 6 months ago

we need to expand datasets, then regression works

upvoted 1 times

 **scrumbann** Most Recent 1 week, 3 days ago


on exam 02/22/2022

upvoted 1 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

 **ALJOHN** 3 months, 2 weeks ago

Total Sales is what we analyze, we explain by occupation and expand by city.

I agree with this answer because there is City is only one which makes sense. It looks like there is no empty space option. Given the previous answers, somebody can give a clear definition of a measure or summarized column, I think here is the key point.

upvoted 1 times

 **kcwood94** 4 months, 3 weeks ago


On exam 10/14/21

upvoted 2 times

 **lhueghian** 4 months, 2 weeks ago


Same 16/10

upvoted 1 times

 **nowwin** 5 months, 1 week ago

question in exam on 18th September

upvoted 4 times

 **maquint** 5 months, 3 weeks ago

<https://youtu.be/2X1cW8oPtc8>
upvoted 1 times

🗨️ 👤 **UsefJuan** 6 months, 1 week ago

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-influencers>
it makes sense to add city(expand by) for a more detailed analysis by geography.
upvoted 1 times

🗨️ 👤 **ju2120** 6 months, 2 weeks ago

Given the case only way to use Expand by City is when Total Sales is a measure, given question do not clarify it I will go by City only option left.
upvoted 2 times

🗨️ 👤 **Syndhu** 8 months, 3 weeks ago

can anyone please say whether expand by should be occupation or should be left blanked?
upvoted 1 times

🗨️ 👤 **fhqfhqh** 9 months, 2 weeks ago

This question was in the exam.
upvoted 6 times

🗨️ 👤 **andimohr** 8 months ago

So if you saw it in the exam - could you give us a hint if the expand by area was possible preselected or maybe they took it out? Because I have the impression it is not relevant for the visual that is described. It sounds like "if it is mentioned in the question then use it someplace"
upvoted 1 times

🗨️ 👤 **bpxgeek** 8 months, 2 weeks ago

True i saw it
upvoted 1 times

🗨️ 👤 **EMNAB** 11 months, 3 weeks ago

Total Sales is what we analyze,we explain by occupation and expand by city.
You can use Expand By to add fields you want to use for setting the level of the analysis without looking for new influencers.
<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-influencers>
upvoted 5 times

🗨️ 👤 **VM_GCP** 1 year ago

Metric you want to investigate into the Analyze field: Here we want to check what drives Total Sale

Explain by field : Move fields that you think might influence Rating into the . We want to check how Occupation drive Total Sale

Expand by: This field is only used when analyzing a measure or summarized field. Is City is measure or summarized field? No. So it should be empty

ref: <https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-influencers#analyze-a-metric-that-is-categorical>
upvoted 5 times

🗨️ 👤 **Cherishworth** 10 months, 3 weeks ago

Here we want to analyze Total Sales and it's a measure (should be), so we need Expand By. But I don't know why City.
upvoted 1 times

🗨️ 👤 **kalyhot** 1 year ago

I also saw that after test

in test when you want to add a field to "expanded by " , Power BI say the field added in the " Analyze box" (Total Sales here) is not measure or not summarized. but when you summarize the field you can added after a field in the "expand box"

not sur about "city" in the "expand box"

upvoted 5 times

🗨️ 👤 **manlynn** 11 months ago

As it analyzed the Average of the sales, it should be measure or summarized.
Ref: <https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-influencers#analyze-a-metric-that-is-a-measure-or-a-summarized-column>
upvoted 1 times

🗨️ 👤 **Narad** 1 year, 1 month ago

Isn't the expand by used only when a measure is being analyzed. In this case, it's not mentioned that total sales is a measure. Expand by - what is the correct answer?
upvoted 1 times

🗨️ 👤 **rhylos** 1 year, 1 month ago

City is one of the columns, Occupation is the Influencer, hence Expand By city
upvoted 2 times

You have the dataset shown in the following exhibit.

City	Sales Profit
Abbotsburg	\$173,947
Absecon	\$129,358
Accomac	\$157,768
Aceitunas	\$119,283
Airport Drive	\$162,500
Akhiok	\$259,554
Alcester	\$127,040
Alden Bridge	\$152,138
Alstead	\$106,147
Amado	\$136,718
Amanda Park	\$117,444
Andrix	\$130,710
Annamoriah	\$139,499
Antares	\$147,562
Antonio	\$113,056
Total	\$85,729,181

You need to ensure that the visual shows only the 10 cities that have the highest sales profit.

What should you do?

- A. Add a Top N filter to the visual.
- B. Configure the Sales Profit measure to use the RANKX function.
- C. Add a calculated column to the table that uses the TOPN function. In the visual, replace Sales Profit with the calculated column.
- D. Add a calculated column to the table that returns the city name if the city is in the top 10, otherwise the calculated column will return "Not in Top 10". In the visual, replace Sales Profit with the calculated column.

Correct Answer: A

Power BI Top N Filters are useful to display the top performing records, and Bottom N filters are helpful to display the least performing records. For example, we can display top or bottom 10 products by orders or sales.

Note:





1. Select the Column you want to display the Top Sales Profit
2. Then change the Filter Type of that Column to Top N
3. Fill in Top / Bottom number field
4. And lastly drag to the By Value field your Sales Profit

Incorrect Answers:

B: You would need a filter as well.

Reference:

<https://www.tutorialgateway.org/power-bi-top-10-filters/>

-  **Hermenez** Highly Voted 1 year, 4 months ago
The question is very specific to the visualization so it is Top N
upvoted 65 times
-  **sandra1981** Highly Voted 11 months ago
The Answer is A
upvoted 17 times
-  **Zee10** Most Recent 3 months, 2 weeks ago
There should be mentioned in with DESC order also
upvoted 1 times
-  **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 3 times

🗨️ 👤 **PavanGM80** 6 months, 2 weeks ago

its a trap or what, you mentioned this comment for almost all question, everytime it says same comment :-)

upvoted 4 times

🗨️ 👤 **lhueghian** 4 months, 2 weeks ago

I had it in my exam too 16/10, I selected TOP N

upvoted 1 times

🗨️ 👤 **ali0912** 7 months ago

It says data is in table as it is not transformation needed so answer is "A"

upvoted 1 times

🗨️ 👤 **tramynt** 7 months, 1 week ago

Tested. Add filter TopN worked perfectly --> A

upvoted 1 times

🗨️ 👤 **PenniWize** 9 months, 1 week ago

The answer is A

upvoted 4 times

🗨️ 👤 **Praveenkumar0017** 9 months ago

How many questions came from this dump

upvoted 1 times

🗨️ 👤 **fhqfhqh** 9 months, 2 weeks ago

This question was in the exam.

upvoted 5 times

🗨️ 👤 **AnnaAbu** 8 months, 2 weeks ago

Hi..I am planning to take exam this week.Could you please let me know if it is possible to pass the exam by referring to the dumps in this site only. I have 2 years experience in Power BI.

upvoted 1 times

🗨️ 👤 **hendriktygatpwc** 8 months ago

I have my exam on Tuesday and started with the MS learning paths on Saturday (learning paths are quite easy if you have experience, exam questions can be tricky) (I am taking 1 day learning paths and 1 day reviewing questions, plus after working hours/in between on monday some revision)

upvoted 2 times

🗨️ 👤 **JESUSBB** 1 year ago

A is the correct answer .

upvoted 4 times

🗨️ 👤 **fergusgarden** 1 year, 3 months ago

the correct answer is A

upvoted 2 times

🗨️ 👤 **F_Bastiat** 1 year, 4 months ago

A measure configured in such a way as to return BLANK() for ranks higher than 10 would achieve the same result, but A is an easier approach, and maybe you will need the original measure for other visuals as well.

upvoted 1 times

You have a Power BI report. The report contains visualizations that have interactions.

You need to identify which visualizations take the longest to complete.

What should you use?

- A. Query Diagnostics in Power BI
- B. Performance Analyzer in Power BI Desktop
- C. SQL Server Profiler
- D. Microsoft Edge DevTools

Correct Answer: B

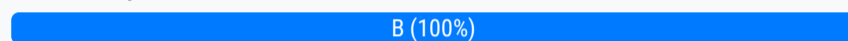
Use Power BI Desktop Performance Analyzer to optimize reports.

In Power BI Desktop you can find out how each of your report elements, such as visuals and DAX formulas, are performing. Using the Performance Analyzer, you can see and record logs that measure how each of your report elements performs when users interact with them, and which aspects of their performance are most (or least) resource intensive.

Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-performance-analyzer>

Community vote distribution



lhueghian Highly Voted 5 months, 1 week ago

Correct Answer

upvoted 14 times

scrumbann Most Recent 1 week, 3 days ago

on exam 02/22/2022

upvoted 1 times

PatrickStr 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

toaldoe 3 months, 1 week ago

Selected Answer: B

<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-performance-analyzer>

upvoted 3 times

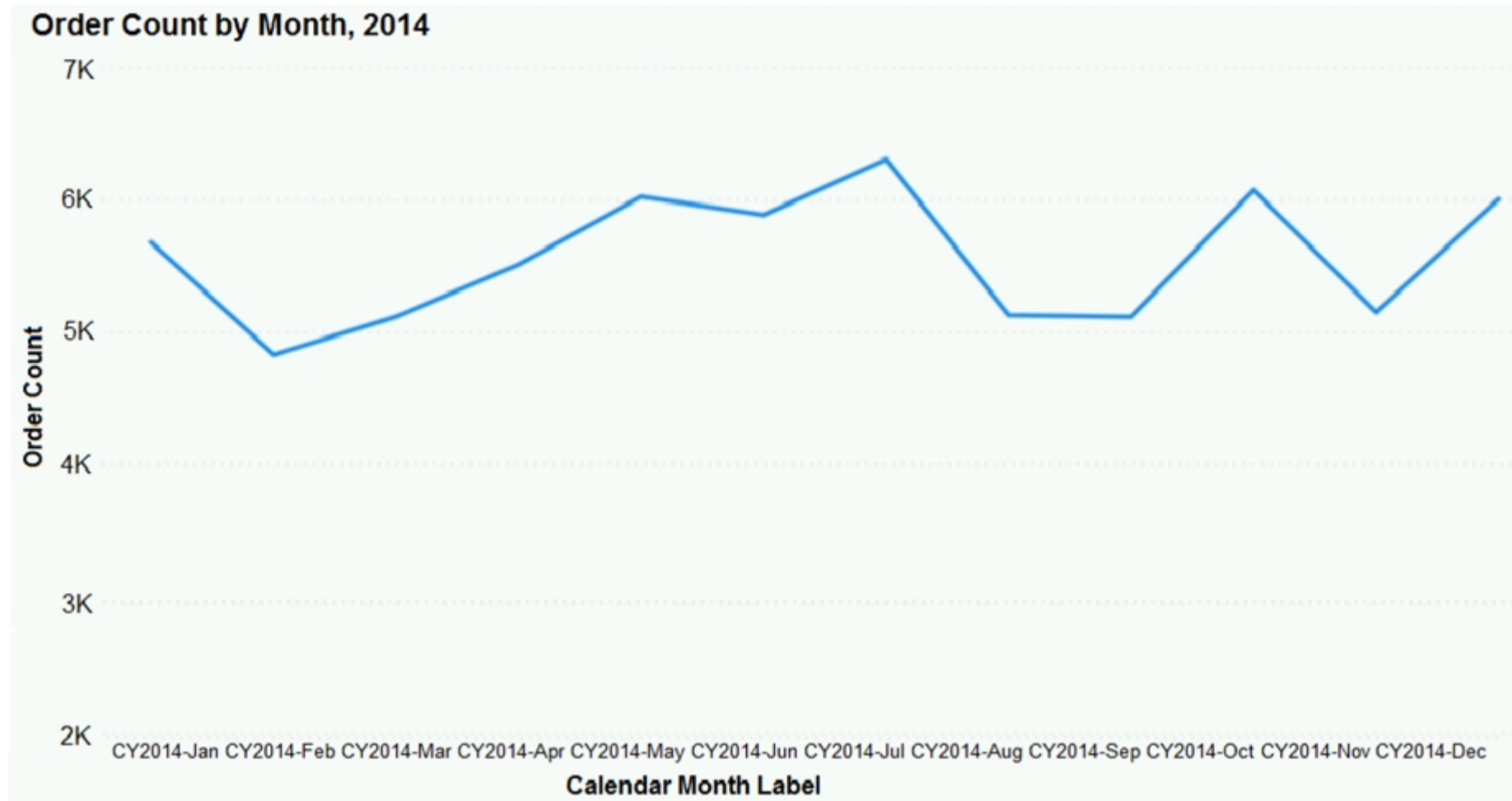
kcwood94 4 months, 3 weeks ago

On exam 10/14/21

upvoted 4 times

DRAG DROP -

You have the line chart shown in the exhibit. (Click the Exhibit tab.)



You need to modify the chart to meet the following requirements:

- ☞ Identify months that have order counts above the mean.
- ☞ Display the mean monthly order count.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Answer Area

- Create a 12-month rolling average quick measure and add the measure to the line chart value.
- From the Analytics pane, add a Median line.
- Select the line chart.
- From the Analytics pane, add an Average line.
- Turn on data labels for the new line.



Correct Answer:

Actions

Answer Area

- Create a 12-month rolling average quick measure and add the measure to the line chart value.
- From the Analytics pane, add a Median line.
- Select the line chart.
- From the Analytics pane, add an Average line.
- Turn on data labels for the new line.

- Create a 12-month rolling average quick measure and add the measure to the line chart value.
- Select the line chart.
- From the Analytics pane, add an Average line.

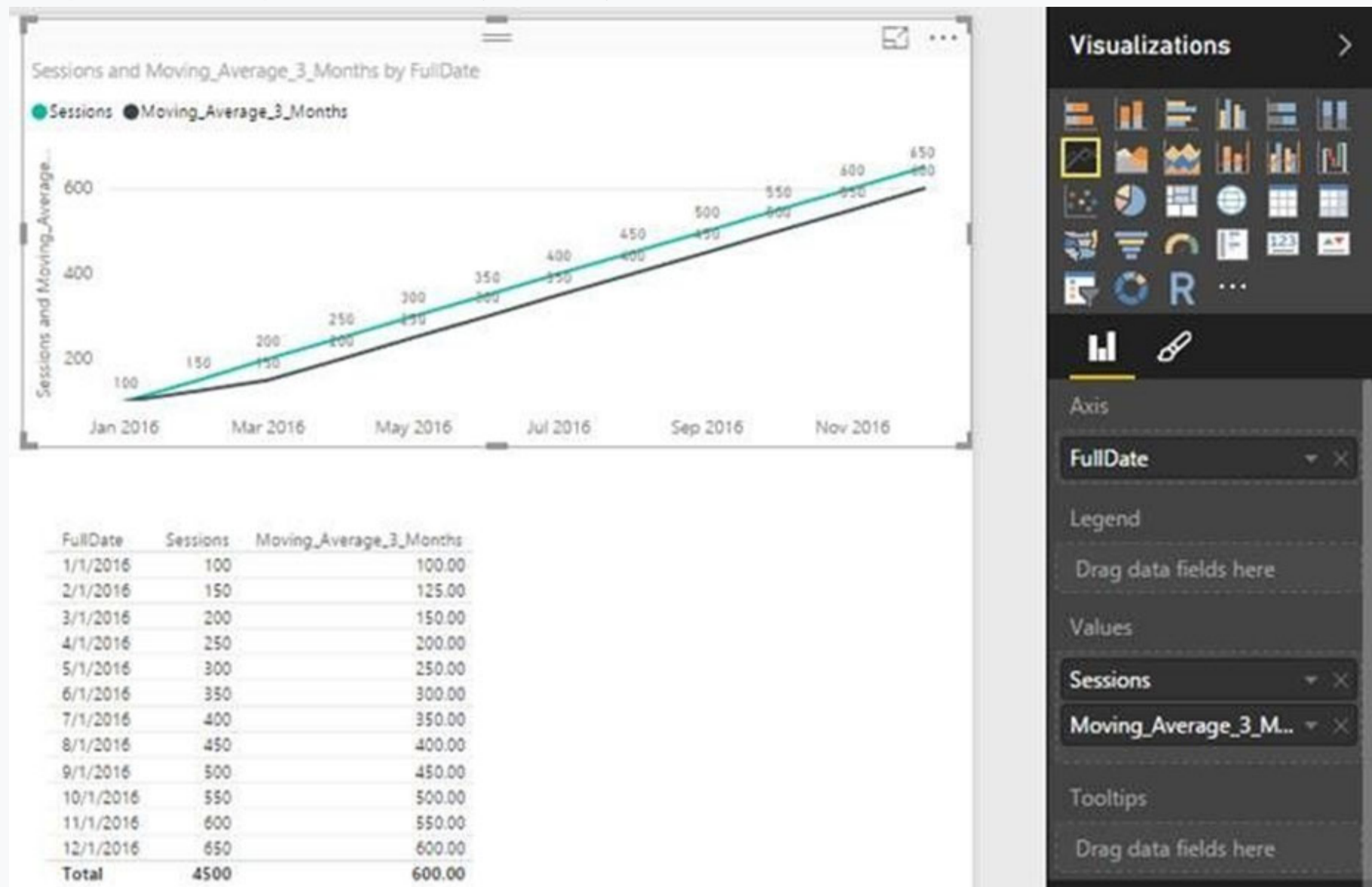


Step 1: Create a 12-month...

You can use calculated measure to get the expected result.

1. Create a calculated column for the date.

2. Create a measure for 12 months moving average.
3. Drag the Line Chart into your canvas as below. (step 2 below)



Step 2: Select the line chart -

Step 3: From the Analytics pane, add a Average line

Reference:

<https://community.powerbi.com/t5/Desktop/Moving-Average/td-p/43041>

titi08 Highly Voted 1 year, 5 months ago

My Ans:-

1. Select the line chart
2. Add the average line
3. Turn on Data Label

upvoted 300 times

bebokhanna 9 months, 1 week ago

The option available is "Turn on Data Label for the NEW LINE". The new line here is the average line which will ideally just give ONE value - the average/mean value (<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-analytics-pane>)

The next closest answer is to create the rolling measure and add to display - even the question doesn't demand the rolling figure.

1. Create a measure for 12 months moving average and add the measure to the line chart value. (For the req "Display the mean monthly order count")
2. Select the line chart.
3. From the Analytics pane, add an average line. (For the req "Identify months that have order counts above the mean")

upvoted 11 times

mirzotti 2 months, 2 weeks ago

The line already exists in the visual so adding a new measure '12 months...' is unnecessary.

upvoted 3 times

vcyc 3 months, 1 week ago

Aggregation I am afraid, is not needed here. Identifying months that have order counts above the mean wont be achieved by a rolling measure..

upvoted 1 times

Joe212 8 months, 2 weeks ago

One of the goals is to display the mean value and turning on data label on the new line achieves this. Titi08 is right.

upvoted 4 times

hendriktygatpwc 8 months ago



indeed Titi is right (it demands the mean to be shown in the graph)

upvoted 1 times



Geyper 4 months, 3 weeks ago

Does the aggregation has anything to do with this? Doing the average line over that line wouldn't take the daily average and not the monthly? I assume doing the 12 moths rolling means you take the monthly value as source for the new monthly average line. Or is it the same?

upvoted 1 times



  **berserkguts** 7 months, 4 weeks ago
9 months later, this still holds true



(tested it locally)
upvoted 7 times



  **Zakriya** 10 months, 1 week ago
correct
upvoted 1 times



  **VR1** Highly Voted 1 year, 5 months ago



My Ans:-
1. Select the line chart
2. Add the Median line
3. Turn on Data Label (Display the mean monthly order count)
upvoted 31 times



  **YTYTYTYTYT** 2 months, 4 weeks ago
median not equal to mean
upvoted 3 times


  **vcyc** 3 months, 1 week ago
Median is incorrect
upvoted 3 times



  **MaQya** 7 months, 4 weeks ago
how is this highly voted
upvoted 14 times



  **berserkguts** 8 months ago
how can this be highly voted???? Sheesh.
upvoted 6 times



  **Shan** Most Recent 2 months ago
In exam 30/12/21
upvoted 1 times



  **sofiaapedro** 2 months, 4 weeks ago
What's the correct answer?
upvoted 1 times



  **adbukavu** 2 months, 4 weeks ago
A measure will give a single value?
I think there is typo it should have been turn on data labels for the line (not the new line)
upvoted 1 times



  **toaldoe** 3 months, 1 week ago
My Ans:-
1. Select the line chart
2. Add the average line
3. Turn on Data Label
upvoted 1 times

  **Prathameshsable** 7 months, 1 week ago
Correct Ans is Create 12 month rolling avg, select line chart, display data labels. There is one important point that we forget here, the question asks to display monthly across every month on the line chart. Adding a average line will just display average line data label and not monthly, so that option wont work.
upvoted 5 times


  **patricepic** 7 months, 3 weeks ago
Requirement is "Display Monthly Mean" . Mean equals Average but Monthly Average does not equal Rolling Monthly Average.
upvoted 4 times

  **SillyChili** 8 months ago
what does the "Select the line chart" even mean or do? Am I the only one who don't get the answer?
upvoted 1 times


  **Vulkany** 6 months, 1 week ago
If you don't select the Line Chart visual you do not have Analytics options available
upvoted 2 times

  **JoJoJa** 8 months ago
So what is the answer if this comes in the exam? 1. Select 2. Average line 3. Data label?
upvoted 1 times

  **BilJon** 8 months, 1 week ago
When testing, if first creating and adding 12 months rolling average the chart is already selected, then add the average line and turn data labels on for the line. But if the option was given I'd add the data labels for the chart at first, then the avg line and data labels for it
upvoted 1 times

☒  **Daneas** 8 months, 2 weeks ago

select
create
turn on label one the new line
upvoted 1 times

☒  **Alivina** 8 months, 3 weeks ago

I concur 2. Add the average line.
In layman term, Average means Arithmetic Mean, just like the function in Excel.
In mathematics / statistics term, Average can be a lot of things, for example, Arithmetic Mean, Geometric Mean, Median, Mode, ...

Hence, in statistics, we often tell the 'average' more clearly.

upvoted 1 times

☒  **Canary_2021** 8 months, 3 weeks ago

Answer should be
1. Select the line chart
2. Add the average line
3. Turn on Data Label

Don't need step: Create a measure for 12 months moving average and add the measure to the line chart value.

upvoted 4 times

☒  **non20** 9 months ago

Wouldn't the answer be
1)create the quick measure
2) select the line chart
3) turn on data labels for the new line

Direction say display the mean monthly order count

upvoted 1 times

☒  **teaparty** 10 months ago

If the last option is the average line,Correct!

upvoted 1 times

☒  **Huzak** 11 months ago

I think it should be add average line, Create 12 month rolling average, Turn on data labels. That will cover the 2 requirements.

upvoted 3 times

DRAG DROP -

You have a query named Customer that imports CSV files from a data lake. The query contains 50,000 rows as shown in the exhibit. (Click the Exhibit tab.)

	Source.Name	Customer ID	Modified Date	Customer	Category
	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%
1	Customer20200104.csv	1	1/1/2020 12:00:00 AM	Tailspin Toys (Head Office)	Novelty Shop
2	Customer20200104.csv	2	1/1/2020 12:00:00 AM	Tailspin Toys (Sylvanite, MT)	Novelty Shop
3	Customer20200104.csv	3	1/1/2020 12:00:00 AM	Tailspin Toys (Peeples Valley, AZ)	Novelty Shop
4	Customer20200104.csv	4	1/4/2020 12:00:00 AM	Tailspin Toys (Medicine Lodge, KS)	Novelty Shop
5	Customer20200104.csv	5	1/4/2020 12:00:00 AM	Tailspin Toys (Gasport, NY)	Novelty Shop
6	Customer20200104.csv	6	1/4/2020 12:00:00 AM	Tailspin Toys (Jessie, ND)	Novelty Shop
7	Customer20200104.csv	7	1/4/2020 12:00:00 AM	Tailspin Toys (Frankewing, TN)	Novelty Shop
8	Customer20200104.csv	8	1/4/2020 12:00:00 AM	Tailspin Toys (Bow Mar, CO)	Novelty Shop
9	Customer20200104.csv	9	1/4/2020 12:00:00 AM	Tailspin Toys (Netcong, NJ)	Novelty Shop
10	Customer20200104.csv	10	1/4/2020 12:00:00 AM	Tailspin Toys (Wimbledon, ND)	Novelty Shop
11	Customer20200112.csv	1	1/12/2020 12:00:00 AM	Tailspin Toys (Head Office)	Novelty Shop
12	Customer20200112.csv	2	1/12/2020 12:00:00 AM	Tailspin Toys (Sylvanite, MT)	Novelty Shop
13	Customer20200112.csv	3	1/12/2020 12:00:00 AM	Tailspin Toys (Peeples Valley, AZ)	Novelty Shop
14	Customer20200112.csv	4	1/12/2020 12:00:00 AM	Tailspin Toys (Medicine Lodge, KS)	Novelty Shop
15	Customer20200112.csv	5	1/12/2020 12:00:00 AM	Tailspin Toys (Gasport, NY)	Novelty Shop
16	Customer20200112.csv	2	1/22/2020 12:00:00 AM	Tailspin Toys (Sylvanite, MT)	Novelty Shop
17	Customer20200112.csv	7	1/22/2020 12:00:00 AM	Tailspin Toys (Frankewing, TN)	Novelty Shop
18	Customer20200112.csv	8	1/22/2020 12:00:00 AM	Tailspin Toys (Bow Mar, CO)	Novelty Shop
19	Customer20200112.csv	9	1/22/2020 12:00:00 AM	Tailspin Toys (Netcong, NJ)	Novelty Shop
20	Customer20200112.csv	10	1/22/2020 12:00:00 AM	Tailspin Toys (Wimbledon, ND)	Novelty Shop

Each file contains deltas of any new or modified rows from each load to the data lake. Multiple files can have the same customer ID.

You need to keep only the last modified row for each customer ID.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Answer Area

- Filter the Customer query on Modified Date is Latest.
- Merge the CustomerGrouped query into the Customer query based on Customer ID and Modified Date by using a left outer join.
- Remove duplicates in the Customer ID column.
- Duplicate the Customer query and name the new query CustomerGrouped.
- Group the CustomerGrouped query by Customer ID and output the max Modified Date value into a column named Modified Date.
- Merge the two queries based on Customer ID and Modified Date by using an inner join.



Correct Answer:

Actions

Filter the Customer query on Modified Date is Latest.

Merge the CustomerGrouped query into the Customer query based on Customer ID and Modified Date by using a left outer join.

Remove duplicates in the Customer ID column.

Duplicate the Customer query and name the new query CustomerGrouped.

Group the CustomerGrouped query by Customer ID and output the max Modified Date value into a column named Modified Date.

Merge the two queries based on Customer ID and Modified Date by using an inner join.

Answer Area

Duplicate the Customer query and name the new query CustomerGrouped.

Group the CustomerGrouped query by Customer ID and output the max Modified Date value into a column named Modified Date.

Remove duplicates in the Customer ID column.



VR1 Highly Voted 1 year, 5 months ago

I think:-

1. Duplicate the query
2. Group the query to find the max modified date
3. Merge the query on inner join

upvoted 228 times

Zakriya 10 months, 1 week ago

correct

upvoted 4 times

Maue 10 months, 2 weeks ago

Be careful, cos Person X can have repeated modified date. So a inner join will remain the duplicate (wrongly)... That's why the "remove duplicated ID" is present.

In other words, Inner join will return duplicate if the same customer ID have the same modified date 2 or more times

upvoted 1 times

Massy 9 months, 3 weeks ago

if you group by ID you doesn't have duplicate id anymore

upvoted 14 times

JMona Highly Voted 1 year, 5 months ago

I thin

duplicate query
group data on customer id and max date
merge two on inner join

upvoted 53 times

vinaikumar 1 year, 4 months ago

Its correct

upvoted 6 times

PatrickStr Most Recent 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

aguilartu1 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answers:

Duplicate the customer query
Group the CustomerGrouped
Merge 2 query using a inner join

upvoted 3 times

kcwood94 4 months, 3 weeks ago

On exam 10/14/21

upvoted 1 times

pashi266 6 months ago

I think the answer should be

1. Duplicate the query

2. Filter the query on Modified date is latest
3. Merge 2 queries on Customer ID and Modified date by inner join

upvoted 2 times

🗨️ **Harsh_87** 8 months, 2 weeks ago

Tested and confused what the correct answer to this

1. Duplicate the Query
2. Group the Query to find the max modified date
3. Merge with inner Join

Here is the best part when I expand the columns I start seeing duplicates

4. Remove the duplicates ?

upvoted 2 times

🗨️ **bberries** 8 months, 3 weeks ago

It says "You need to keep only the last modified row for each customer ID."

The WHOLE row. If you 'group by' WITHOUT then performing an inner join merge, you are only left with 2 columns, but they require the whole row. Therefore you need to:

1. Duplicate the Query
2. Group the query by Customer ID, outputting max date
3. THEN merge using inner join

upvoted 1 times

🗨️ **TessieB** 9 months, 2 weeks ago

I don't understand why people think you need any kind of join here. Because the question clearly states: "You need to keep only the last modified row for each customer ID."

Performing an inner join or a left outer join will result in a table that will still have multiple rows per CustomerID. And the whole idea is that you only keep the last modified row for each CustomerID right?

upvoted 2 times

🗨️ **MLCL** 9 months, 2 weeks ago

An inner join achieves the goal of unique CustomerID rows with the latest modified rows, a left outer join leaves you with multiple rows per customerID.

upvoted 3 times

🗨️ **cesar_datamachine** 9 months, 4 weeks ago

I have some doubts reading the others answer but my choice:

- 1.- Duplicate Query
- 2.- Group the query to find the max modified date per Customer ID
- 3.- Inner join

upvoted 3 times

🗨️ **Cherishworth** 10 months, 3 weeks ago

I used a dataset with the same structure to test. The result is as same as VR1:

1. Duplicate the query
2. Group the query by CustomerID and MAX Modified Date
3. Merge the queries based on the grouped one, join kind is "Inner".

This question is a bit tricky that, one option is based on the original query to left join. That's wrong. But if you based on the new grouped query to left join, will get the same outcomes as an inner join.

I realized the wording was trying to confuse us after reading it carefully.

upvoted 5 times

🗨️ **MicahD** 1 year ago

Better answer?

1. Sort by customer ID ascending and modification date descending.
2. Remove duplicates based on customer ID.

upvoted 2 times

🗨️ **vivekmani2021** 11 months ago

This alone dosnt work in power query , You need to Add a Table.Buffer() between the two steps to preserve the sort order before the duplicates are dropped . So inner join is the correct answer here

upvoted 1 times

🗨️ **kalyhot** 1 year ago

Tested: (not need remove duplicate because Inner join)

- 1-duplicate query
- 2-group by max on date column
- 3-merge - inner join

upvoted 4 times

🗨️ **egyhu** 1 year ago

Vr1 is correct

upvoted 1 times

🗨️ **arahan599** 1 year ago

I have tried this on power bi desktop.

1. Duplicate Query
2. GroupBy CustomerID to find max modified date
3. Remove Duplicates



upvoted 5 times

🗨️

 **holySinner** 10 months ago

I have tried too and it worked

upvoted 1 times

  **TessieB** 9 months, 2 weeks ago

But if you GroupBy CustomerID, then why do you need to remove duplicates? Because after GroupBy you don't have any duplicates anymore right?

upvoted 2 times

  **arahan599** 1 year ago

I have tried this in powe bi desktop.

The answer is correct.

1. duplicate query
- 2.groupby customerid and find max modified date
3. remove duplicates

upvoted 1 times

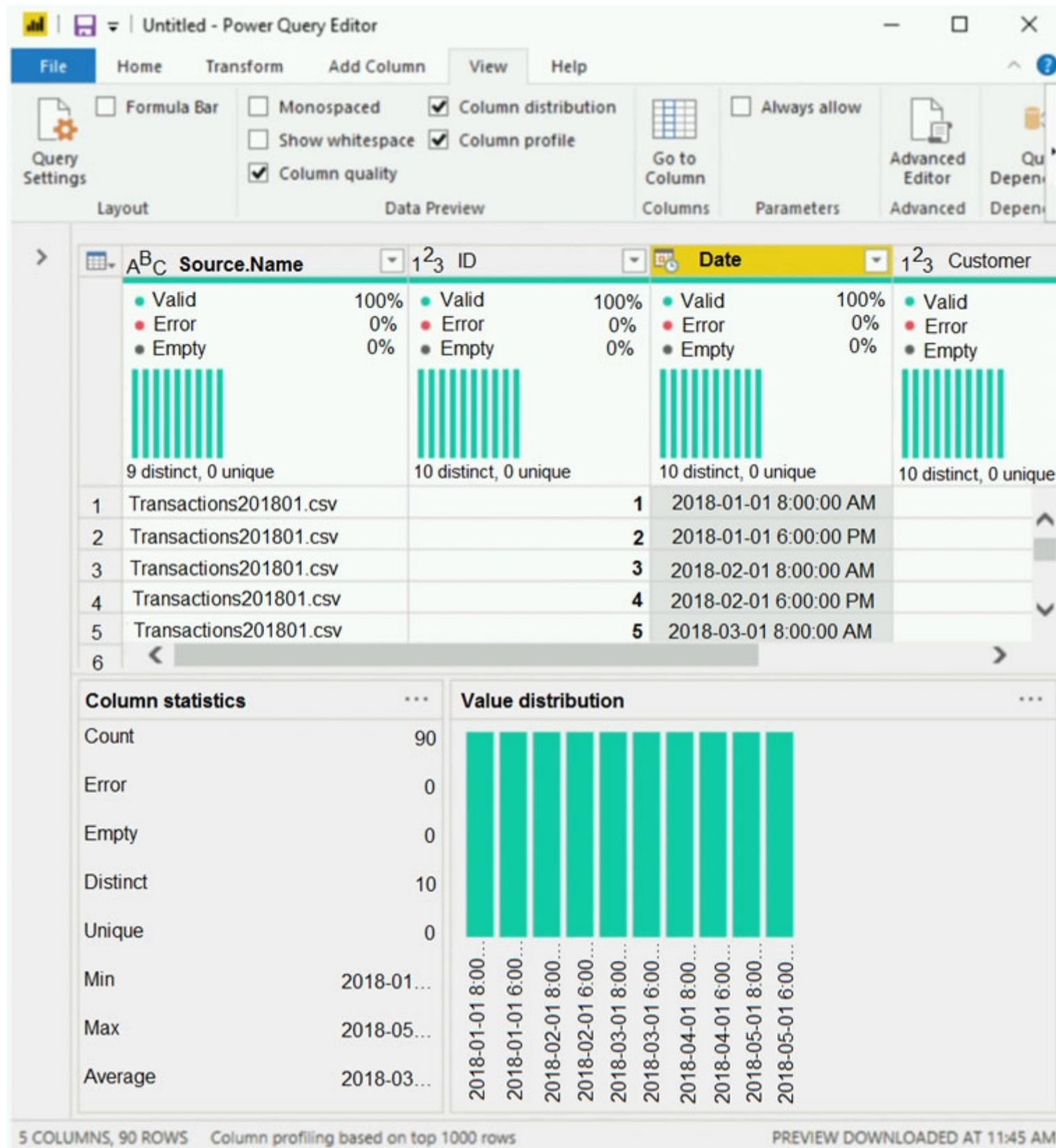
  **Patrikhalaf** 1 year ago

How come everyone disagrees so much? have you come to the right place? validated? I have the test tommorow and want to be sure.

upvoted 1 times

HOTSPOT -

You view a query named Transactions as shown in the following exhibit.



The query gets CSV files from a folder.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

There are **[answer choice]** CSV files:

	▼
9	
10	
25	
90	
1,000	

Removing duplicates based on the Date column will reduce the dataset to **[answer choice]** rows:

	▼
9	
10	
25	
90	
1,000	

Answer Area

There are [answer choice] CSV files:

	▼
9	
10	
25	
90	
1,000	

Correct Answer:

Removing duplicates based on the Date column will reduce the dataset to [answer choice] rows:

	▼
9	
10	
25	
90	
1,000	

Box 1: 9 -

9 distinct CSV files.


Box 2: 10 -

10 distinct dates.

 **Ard** Highly Voted 1 year, 4 months ago

answer is correct

upvoted 157 times

 **mirzotti** 2 months, 2 weeks ago

This is not correct. The 'Count' is showing 90 rows (meaning csv files). 'Distinct' shows 10. So the answer is: 90 & 10.

upvoted 4 times

 **walkerzjs** 2 months ago

The source.name has 9 distinct values. That's why I think there are 9 files.

upvoted 1 times

 **Googlegen** 2 months, 2 weeks ago

For 2nd Question remove duplicates:


<https://docs.microsoft.com/en-us/power-query/working-with-duplicates#remove-duplicates-from-a-single-column>

upvoted 1 times

 **SaeedJei** 4 months, 2 weeks ago

how is it possible to have 90 rows by 9 files?

upvoted 2 times

 **sna4** 4 months, 1 week ago

Filenames have spaces at the beginning (see Source.Name column).

upvoted 1 times

 **SaeedJei** 4 months, 2 weeks ago

Unless they are appended

upvoted 1 times

 **chakri007** Highly Voted 1 year, 4 months ago

I think the answer should be Box1:90 and Box2:10.

Each row in the table is one CSV file. The answer for Box1 is about the number of rows(which includes duplicates), not the distinct values of a column. This Count can be found under the Column stats below the table as COUNT 90.

The second box is distinct count based on the Date Column which is 10.

upvoted 62 times

 **VesperKiw** 1 year, 2 months ago

But those 90 are ROWs not FILEs. It states in the question they are coming from a folder. You can't have two files with the same name in a folder, so its 9.


I personally agree with the answer.

upvoted 22 times

 **stokazz** 1 year, 1 month ago


I think this is wrong. The correct one is the answer above by Mort42

upvoted 3 times

 **slalithp** 1 year, 4 months ago

yup, even the date column count says 90

upvoted 1 times

 **ZVV** 1 year, 4 months ago

Column stats is shown for Date column, not file name

upvoted 2 times

  **Shan** Most Recent 2 months ago

In exam 30/12/21

upvoted 2 times

  **Siva2104** 2 months, 1 week ago

9 & 10

upvoted 3 times

  **Siva2104** 2 months, 1 week ago

My Answer is 10 & 90::

1) For each day / date two file (8am & 6pm) - for 5 days min is 2018-01-01 8:00:00AM & max is 2018-05-01 6:00:00 PM (Observe the bar in the columns profile) - each file contains the 9 transactions

2) Date columns (Data type - date/Time) - this filed doesn't have duplicate values - if you use the option to remove duplicate against this columns will not Impact the count



Tested

upvoted 1 times

  **testbbb** 3 months ago

the answer is wrong for box 1. I think it should be 90

upvoted 1 times

  **DIPARJ** 3 months, 2 weeks ago

Since the total count is 90 and as per value distribution it is uniform for all dates so answer would be $90/10=9$ and removing duplicates would result in 10 distinct values

upvoted 1 times

  **aguilartu1** 3 months, 3 weeks ago



on exam - Nov 11, 2021.

my answers:

9

10

upvoted 5 times

  **lavi_01** 3 months, 3 weeks ago

perhpas the csv files are located in a subfolder inside a folder in which case they can have the same name

upvoted 2 times

  **katherine_dawalk** 4 months, 2 weeks ago

why not 10 files as there are 10 distinct id

upvoted 1 times

  **yusufuthman57** 5 months, 2 weeks ago

Correct asnwer is 90 and 10

upvoted 3 times

  **Beert** 5 months, 2 weeks ago

Asked my teacher and we discussed in class, right answers are 9 and 10

upvoted 1 times

  **dodis_13** 4 months, 2 weeks ago


your teacher is the best!

upvoted 2 times

  **saintpatrick** 6 months ago

There actually 90 Transaction recorded on 9 CSV files made based on 10 distinct date/times... It could be that there are 10 transaction per customer at set date/times... Thus the answer of 9 csv files and 10 distinct dates is correct...

upvoted 3 times

  **yoismelp** 6 months, 2 weeks ago

My answer:

Box1: 90 - The query gets CSV files from a folder. Since there are 90 rows, the query has retrieved 90 files, and the question does not ask for distinct file names.

Box2: 10 - There are 10 distinct dates, then removing duplicates on the date column leaves us 10 rows.

upvoted 2 times

  **francis6170** 6 months, 3 weeks ago



Got this in the exam - Aug 15, 2021.

upvoted 3 times

  **jecapanda** 6 months, 4 weeks ago

Guys anyone noticed that there are spaces in the beginning of all the names?

upvoted 3 times

  **tramynt** 7 months, 2 weeks ago

box1: 90

box 2: 10 (" remove duplicates based on date column ")

upvoted 1 times

Your company has employees in 10 states.

The company recently decided to associate each state to one of the following three regions: East, West, and North.

You have a data model that contains employee information by state. The model does NOT include region information.

You have a report that shows the employees by state.

You need to view the employees by region as quickly as possible.

What should you do?

- A. Create a new aggregation that summarizes by employee.
- B. Create a new group on the state column and set the Group type to List.
- C. Create a new group on the state column and set the Group type to Bin.
- D. Create a new aggregation that summarizes by state.

Correct Answer: B

With grouping you are normally working with dimensional attributes.


Here we add three new groups (East, West, and North) and add each state to the appropriate group.

Incorrect Answers:

C: You can set the bin size for numerical and time fields in Power BI Desktop.

Reference:

<https://www.mssqltips.com/sqlservertip/4720/binning-and-grouping-data-with-power-bi/>

 **Sunny93** Highly Voted 1 year, 5 months ago

Correct answer is -

B. Because List is used to create string groups. Bin is used to create numeric groups.

upvoted 176 times

 **Zakriya** 10 months, 1 week ago

B is correct, as the values are string.

upvoted 5 times

 **VR1** Highly Voted 1 year, 5 months ago

Ans is B - It should be Group and List. Bin is for numeric and Dates

upvoted 30 times

 **PatrickStr** Most Recent 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 2 times

 **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answer:

Create a new group on the state column and set the Group type to List.

upvoted 3 times

 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 2 times

 **lhueghian** 4 months, 2 weeks ago

Me too 16/10

upvoted 2 times

 **mullered** 10 months, 2 weeks ago

The argument to defend the provided answer contradicts the answer given.

upvoted 1 times

 **Cherishworth** 10 months, 3 weeks ago

B.

As for the string type data (region), there is only one option "List". You can't set the group as "bin".

upvoted 2 times

 **RehafKH** 10 months, 4 weeks ago

the answer is B. the field type is string not numeric or date (You can set the bin size for numerical and time fields in Power BI Desktop.)

<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-grouping-and-binning>

upvoted 1 times

 **sandra1981** 11 months ago

B is the Correct Answer
upvoted 1 times

🗨️ 👤 **aclacl** 11 months ago
The correct answer is B
upvoted 1 times

🗨️ 👤 **EmperorWenchang** 11 months, 1 week ago
B. Create a new group on the state column and set the Group type to List.

My Power BI instructor confirms that B is the correct answer without any doubt.
upvoted 3 times

🗨️ 👤 **mojedapr** 11 months, 2 weeks ago
Answer is B because you are going to group strings, not numbers nor dates
upvoted 2 times

🗨️ 👤 **SWeety02** 11 months, 3 weeks ago
Option B
upvoted 2 times

🗨️ 👤 **Silia** 11 months, 3 weeks ago
B is correct answer
"You can set the bin size for numerical and time fields in Power BI Desktop. You can make bins for calculated columns, but not for measures."
upvoted 2 times

🗨️ 👤 **JESUSBB** 1 year ago
B is the correct answer
upvoted 2 times

🗨️ 👤 **kalyhot** 1 year ago
Tested it's - B
when a column is in String Format like " states" , when you want to create a group (on Data view, between Report view and Model view), when you click on a string Column de creta Group , Power BI choose ""List"" by default and you can't change it.
==> 100% B Group -List

(But when you choose a numeric column, the type ""Bin"" is seen and you can choose it)
upvoted 3 times

🗨️ 👤 **Peer** 1 year ago
B is the right answer
upvoted 1 times

HOTSPOT -

You are creating a Microsoft Power BI imported data model to perform basket analysis. The goal of the analysis is to identify which products are usually bought together in the same transaction across and within sales territories.

You import a fact table named Sales as shown in the exhibit. (Click the Exhibit tab.)

Results		Messages												
Sales RowID	Product Key	OrderDate Key	OrderDate	Customer Key	SalesTerritory Key	SalesOrder Number	SalesOrder LineNumber	Order Quantity	LineTotal	TaxAmt	Freight	LastModified	AuditID	
1	1	310	20101229	2010-12-29 00:00:00.000	21768	6	SO43697	1	1	3578.27	286.2616	89.4568	2011-01-10 00:00:00.000	127
2	2	346	20101229	2010-12-29 00:00:00.000	28389	7	SO43698	1	1	3399.99	271.9992	84.9998	2011-01-10 00:00:00.000	127
3	3	346	20101229	2010-12-29 00:00:00.000	25863	1	SO43699	1	1	3399.99	271.9992	84.9998	2011-01-10 00:00:00.000	127
4	4	336	20101229	2010-12-29 00:00:00.000	14501	4	SO43700	1	1	699.0982	55.9279	17.4775	2011-01-10 00:00:00.000	127
5	5	346	20101229	2010-12-29 00:00:00.000	11003	9	SO43701	1	1	3399.99	271.9992	84.9998	2011-01-10 00:00:00.000	127
6	6	311	20101230	2010-12-30 00:00:00.000	27645	4	SO43702	1	1	3578.27	286.2616	89.4568	2011-01-11 00:00:00.000	127
7	7	310	20101230	2010-12-30 00:00:00.000	16624	9	SO43703	1	1	3578.27	286.2616	89.4568	2011-01-11 00:00:00.000	127

The related dimension tables are imported into the model.

Sales contains the data shown in the following table.

Column name	Data type	Description
SalesRowID	Integer	ID of the row from the source system, which represents a unique combination of SalesOrderNumber and SalesOrderLineNumber
ProductKey	Integer	Surrogate key that relates to the product dimension
OrderDateKey	Integer	Surrogate key that related to the date dimension and is in the YYYYMMDD format
OrderDate	Datetime	Date and time an order was processed
CustomerKey	Integer	Surrogate key that relates to the customer dimension
SalesTerritoryKey	Integer	Surrogate key that relates to the sales territory dimension
SalesOrderNumber	Integer	Unique identifier of an order
SalesOrderLineNumber	Integer	Unique identifier of a line within an order
OrderQuantity	Integer	Quantity of product ordered
LineTotal	Decimal	Total sales amount of a line before tax
TaxAmt	Decimal	Amount of tax charged for the items on a specified line within an order
Freight	Decimal	Amount of freight charged for the items on a specified line within an order
LastModified	Datetime	The date and time that a row was last modified in the source system
AuditID	Integer	The ID of the data load process that last updated a row

You are evaluating how to optimize the model.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
The SalesRowID and AuditID columns can be removed from the model without impeding the analysis goals.	<input type="radio"/>	<input type="radio"/>
Both the OrderDateKey and OrderDate columns are necessary to perform the basket analysis.	<input type="radio"/>	<input type="radio"/>
The TaxAmt column must retain the current number of decimal places to perform the basket analysis.	<input type="radio"/>	<input type="radio"/>

Answer Area

	Statements	Yes	No
Correct Answer:	The SalesRowID and AuditID columns can be removed from the model without impeding the analysis goals.	<input checked="" type="radio"/>	<input type="radio"/>
	Both the OrderDateKey and OrderDate columns are necessary to perform the basket analysis.	<input checked="" type="radio"/>	<input type="radio"/>
	The TaxAmt column must retain the current number of decimal places to perform the basket analysis.	<input type="radio"/>	<input checked="" type="radio"/>

Reference:

<https://finance-bi.com/power-bi-basket-analysis/>

 **Maue** Highly Voted 10 months, 1 week ago

The Answer is:

YES

NO

NO

Because the only columns needed for that "Basket analysis" is Product, Transaction (Order) and Territory.

upvoted 90 times

 **Shan** 2 months, 1 week ago

how come the anser of A is Yes because sales row id is the index column n you cant delete this

upvoted 2 times

 **weirdos_noone** 9 months, 1 week ago

how are we gonna know if two items are bought together if we don't have the order date ?

upvoted 1 times

 **steeeva** 1 month, 1 week ago

2 different orders in the same day doesnt count, so date is unnecessary

upvoted 1 times

 **Jajabink** 9 months ago

Only eith<https://www.examttopics.com/exams/microsoft/da-100/view/17/#er> OrderDate or OrderDateKey is required, NOT both, since there is no time data in OrderDate column (these columns are essentially the same). YES NO NO is the answer

upvoted 4 times

 **ken218** 8 months, 2 weeks ago

Bought together means they are within the same order, so the SalesOrderNumber is good enough to identify it.

upvoted 5 times


 **Zakriya** 10 months ago

Yes

No

No

upvoted 12 times


 **Amuzinde** Highly Voted 10 months, 1 week ago

YES

NO

NO

upvoted 9 times

 **Shan** Most Recent 2 months ago

In exam 30/12/21

upvoted 2 times

 **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answers:

yes

no

no

upvoted 4 times

 **Thong** 4 months, 2 weeks ago

The answers are correct:

_ Y: not related

_ N: At the first time, I thought it was a Y, because the combination of OrderDate and SalesOrderNumber will be used to distinguish with OrderNumber on other dates (some systems reset the SalesOrderNumber daily). However, taking a closer look at OrderDate and SalesOrderNumber, they are parallely incremented. Thus, SalesOrderNumber has enough information.

_ N: not related

upvoted 1 times

🗨️ 👤 **nowwin** 5 months, 1 week ago
question in exam on 18th September
upvoted 5 times

🗨️ 👤 **lhueghian** 4 months, 2 weeks ago
Same 16/10
upvoted 2 times

🗨️ 👤 **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 3 times

🗨️ 👤 **geky123** 7 months, 2 weeks ago
OrderDateKey is useless for own case. Yes, NO, NO.
upvoted 1 times

🗨️ 👤 **Andy7622** 8 months, 3 weeks ago
Ouch, how I was tricked with the first statement after reading next ones)) Of course YES they can be removed!))
upvoted 1 times

🗨️ 👤 **kwamek** 10 months ago
Yes
No
No
upvoted 3 times

🗨️ 👤 **Koen123** 10 months, 1 week ago
I believe it should be NO, NO, NO.
upvoted 2 times

🗨️ 👤 **Praveenkumar0017** 9 months, 2 weeks ago
Please read the question carefully and check your answers. Dont get confused.
upvoted 2 times

🗨️ 👤 **bpxgeek** 9 months, 2 weeks ago
Can you read it well?
upvoted 1 times

🗨️ 👤 **ashfaq_mcs** 9 months, 3 weeks ago
How, How How?
upvoted 1 times

🗨️ 👤 **bobs2021** 10 months ago
Nope, that's just what she said.
upvoted 7 times

🗨️ 👤 **Amuzinde** 10 months, 1 week ago
Are orderDateKet and OrderDate Necessary in this case? There is no requirement for date analysis is that so?
upvoted 1 times

🗨️ 👤 **Maue** 10 months ago
Date is not required for the Basket analysis mentioned
upvoted 2 times

🗨️ 👤 **andimohr** 8 months ago
Nevertheless you can use one or the other date column and do not need to keep both. The OrderDateKey is a valid Date Format (easily test it yourself using enter data to create a table, enter 20101229 in row 1 and change Type to date)
upvoted 1 times

HOTSPOT -

You are enhancing a Power BI model that has DAX calculations.

You need to create a measure that returns the year-to-date total sales from the same date of the previous calendar year.

Which DAX functions should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Sales PYTD =

VAR startyear =

STARTOFYEAR (PREVIOUSYEAR ('Date' [Date]))

VAR enddate =

LASTDATE (Sales[Date]) - 365

RETURN

(Sales[Sales]),

- CALCULATE
- DATESBETWEEN
- SAMEPERIODLASTYEAR
- SLIM

('Calendar' [Date], startyear, enddate)

- CALCULATE
- DATESBETWEEN
- SAMEPERIODLASTYEAR
- SLIM

)

Answer Area

Sales PYTD =

VAR startyear =

STARTOFYEAR (PREVIOUSYEAR ('Date' [Date]))

VAR enddate =

LASTDATE (Sales[Date]) - 365

RETURN

(Sales[Sales]),

- CALCULATE
- DATESBETWEEN
- SAMEPERIODLASTYEAR
- SLIM

('Calendar' [Date], startyear, enddate)

- CALCULATE
- DATESBETWEEN
- SAMEPERIODLASTYEAR
- SLIM

)

Correct Answer:

Reference:

<https://www.kasperonbi.com/get-the-ytd-of-the-same-period-last-year/>

AValester Highly Voted 10 months, 1 week ago

The answer is correct. CALCULATE and DATEBETWEEN
upvoted 50 times

Amuzinde 10 months, 1 week ago

I think so too
upvoted 5 times

Maelly Highly Voted 9 months, 2 weeks ago

Shouldn't there be a SUM before Sales[Sales] ?
upvoted 17 times

Lvers 7 months, 1 week ago



If summarisation is set to sum standard for the sales measure it is not necessary.

upvoted 1 times

  **Shan** Most Recent 2 months ago



In exam 30/12/21

upvoted 1 times

  **TapZxK** 2 months, 4 weeks ago



Could someone explain why sameperiod won't work?

upvoted 2 times

  **WW219** 2 months, 3 weeks ago



<https://docs.microsoft.com/en-us/dax/sameperiodlastyear-function-dax>
it only takes one argument

upvoted 2 times

  **aet1988** 4 months, 2 weeks ago

Had this question on today's exam 18 Oct,
Question been modified to three answers

upvoted 1 times

  **Chibu** 4 months, 1 week ago

What options were given?



upvoted 2 times

  **tramynt** 7 months, 1 week ago

Calculate and datebetween

Because they already calculated the corresponding date of last year

upvoted 1 times

  **Ibisval** 8 months, 1 week ago



```
VAR startyear =  
STARTOFYEAR ( 'Calendar'[Date] ) - 365  
VAR enddate =  
LASTDATE ( Sales[Date] ) - 365  
RETURN  
CALCULATE (  
SUM ( Sales[sales] ),  
DATESBETWEEN ( 'Calendar'[Date], startyear, enddate )  
)
```

upvoted 5 times

  **Ihueghian** 4 months, 3 weeks ago

Correct, tested it and it only works with the sum

upvoted 1 times

  **WW219** 2 months, 2 weeks ago

No.

In a DAX formula of PBI, the "Sales[sales]" could be referring to a measure not a column Which will then work perfectly.

upvoted 2 times

  **cortado** 2 months ago

But how do you know/assume "Sales[Sales]" is a measure instead of a column in this context?

upvoted 2 times

  **PEAKSvalleys** 8 months, 3 weeks ago

Based on the options provided, it has to be CALCULATE and DATESBETWEEN.

The DAX syntax is a bit confusing here because 'Sales'[Sales] looks like a fully qualified column reference but it could also be a measure reference. I assume that it's a measure reference because the SUM function alone doesn't allow other arguments beyond the column reference, so we wouldn't even have to ability to add in additional parameters or functions.

Using CALCULATE with the measure reference ('Sales'[Sales]) then allows you to modify the calculation in a filter context with DATESBETWEEN the date range between the two variables.

upvoted 4 times

  **KNG** 8 months, 3 weeks ago

Sum and Datebetween

upvoted 1 times

  **mrtnr** 9 months, 2 weeks ago

There must be a sum function to calculate the total sales.

```
CALCULATE( sum(sales), datesbetween(start, end))
```

upvoted 6 times

  **Canary_2021** 8 months, 1 week ago


Agree! Sum is missing from this question.

upvoted 2 times

  **avyan90** 10 months ago

it should be calculate and sameperiolat year

upvoted 1 times

  **Christopher71230** 10 months ago

I thank too

upvoted 2 times

  **DeathCaliberKnight** 10 months ago

answer is wrong calculate , sameperiodlastyear , no specified period exist example: last year till today

upvoted 1 times

  **Amuzinde** 9 months, 2 weeks ago

We have variables start and enddates. please take note

upvoted 2 times

  **Massy** 10 months ago

but in the answer we have already the variables...

upvoted 2 times

  **Amuzinde** 10 months, 1 week ago

Correct Answer

upvoted 2 times

You are configuring a Microsoft Power BI data model to enable users to ask natural language questions by using Q&A.

You have a table named Customer that has the following measure.

Customer Count = DISTINCTCOUNT(Customer[CustomerID])

Users frequently refer to customers as subscribers.

You need to ensure that the users can get a useful result for "subscriber count" by using Q&A. The solution must minimize the size of the model.

What should you do?

- A. Add a synonym of "subscriber count" to the Customer Count measure
- B. Add a calculated table named Subscriber that is a duplicate of the Customer table.
- C. Add a description of "Subscriber" to the Customer table.
- D. Add a description of "subscriber count" to the Customer Count measure.

Correct Answer: A

You can add synonyms to tables and columns.

Note: This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.

This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.

Reference:

<https://docs.microsoft.com/en-us/power-bi/natural-language/q-and-a-best-practices>

 **Boualida100** Highly Voted 6 months ago

answer is correct

upvoted 19 times

 **mirzotti** 2 months, 2 weeks ago

Answer is correct but the synonym should be added to columns and tables NOT measures.

upvoted 2 times

 **sna4** 4 months, 2 weeks ago

Answer is correct (Add a synonym of "subscriber count" to the Customer Count measure).

In PowerBI open Model view > click on the measure > and will see "Synonyms" field (the same as regular column has)

upvoted 1 times

 **Shan** Most Recent 2 months ago

In exam 30/12/21

upvoted 2 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times


 **provi** 4 months, 2 weeks ago

From Microsoft docs:

You can add synonyms to tables and columns.

Never states you can do so with the metrics, so I can't see any right answer here.

upvoted 2 times

 **sna4** 4 months, 1 week ago

Measure also has a "Synonyms" field. Is that so hard to just open Power BI and check that instead of spamming and disorienting others?

upvoted 6 times

 **yusufuthman57** 5 months, 2 weeks ago

I know you can add synonyms to Tables and Columns but I am not sure if you can do same for measures as Indicated by the Answer

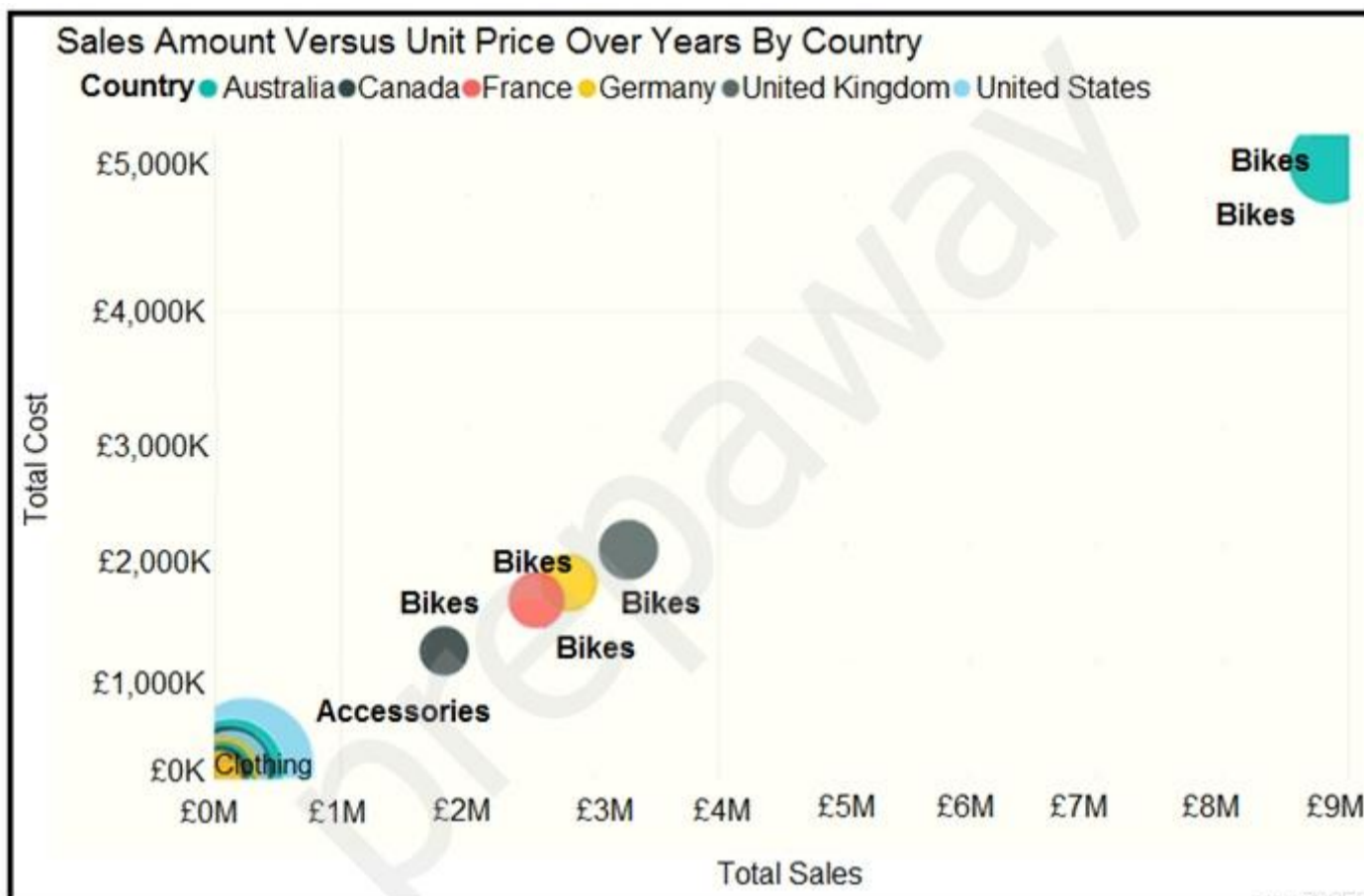
upvoted 1 times

 **TL0287** 5 months, 1 week ago

You can add synonyms to measures.

upvoted 5 times

You have the visual shown in the exhibit. (Click the Exhibit tab.)



You need to show the relationship between Total Cost and Total Sales over time.

What should you do?

- A. Add a slicer for the year.
- B. Create a DAX measure that calculates year-over-year growth.
- C. Add a play axis.
- D. From the Analytics pane, add an Average line.

Correct Answer: C

You can set up a date field in play axis, and then scatter chart will animate how measure values are compared to each other in each point of a time.

Incorrect Answers:

A: Slicers are another way of filtering. They narrow the portion of the dataset that is shown in the other report visualizations.

Reference:

<https://radacad.com/storytelling-with-power-bi-scatter-chart>

- noorul99** Highly Voted 6 months ago
yes if you add play axis it will move the bubbles over time through the years
upvoted 18 times
- Christine666** Most Recent 6 days, 8 hours ago
Play axis
upvoted 1 times
- scrumbann** 1 week, 3 days ago
on exam 02/22/2022
upvoted 1 times
- PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 2 times
- kcwood94** 4 months, 3 weeks ago
On exam 10/14/21
upvoted 4 times
- lhueghian** 4 months, 2 weeks ago
Same 16/10
upvoted 1 times
- nowwin** 5 months, 1 week ago
question in exam on 18th September
upvoted 4 times

  **Nadiaa** 6 months ago

Is this right ?

upvoted 2 times

  **DarioReymago** 5 months, 4 weeks ago

Thats correct

upvoted 3 times

You have a report that contains three pages. One of the pages contains a KPI visualization. You need to filter all the visualizations in the report except for the KPI visualization. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Configure a report-level filter.
- B. Edit the interactions of the KPI visualization.
- C. Configure a page-level filter.
- D. Add the same slicer to each page and configure Sync slicers.
- E. Edit the interactions of the slicer that is on the same pages as the KPI visualization.

Correct Answer: DE

Slicers are another way of filtering. They narrow the portion of the dataset that is shown in the other report visualizations.

By default, slicers on report pages affect all the other visualizations on that page, including each other. Use visual interactions to exclude some page visualizations from being affected by others.


Incorrect Answers:


A: Report filter applies to all pages in the report.


Page filter applies to all the visuals on the report page.


Reference:


<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-slicers>

 **ilia_smirnov** Highly Voted 5 months, 4 weeks ago
DE is correct.
upvoted 33 times

 **dishajain5dj** 5 months, 3 weeks ago
Edit interactions is always used for the element with which the user is going to interact in this case the slicer. not the KPI visual as it is going to be static and the user will not interact with it
upvoted 4 times


 **giuseppe_argentieri** Highly Voted 5 months, 3 weeks ago
(B,E) is the correct answer!
upvoted 7 times


 **mirzotti** 2 months, 2 weeks ago
B cannot be correct because it considers only editing interaction between visuals on the same report page.
upvoted 1 times


 **scrumbann** Most Recent 1 week, 3 days ago
on exam 02/22/2022
upvoted 1 times

 **Googlegen** 2 months, 2 weeks ago
<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-slicers#control-which-page-visuals-are-affected-by-slicers>
upvoted 1 times

 **ERBIJ** 2 months, 2 weeks ago
I think it is B D
- ad synched slicers to each page
- disable interaction at KPI visual
upvoted 2 times

 **PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 1 times

 **Wayne951221** 4 months ago
I think AB should be the correct answer.
For D,E ,
What if there are other visuals within the same page with the visualization you want to exclude the filter?
upvoted 2 times

 **jiggybrain** 4 months ago
How can it possibly be AB ? the given answer DE is correct. did you test this At all. When you use a Report Level Filter, there is no way to exclude a visual from being affected by it.
upvoted 4 times

🗨️ 👤 **ihustle** 4 months ago

Why D and E? How did Slicer come into this?

upvoted 1 times

🗨️ 👤 **jiggybrain** 4 months ago

Adding a slicer and syncing across pages achieves the same goal as a report level Filter, but is better because you can edit out certain visuals you do not want affected, unlike a Report Level Filter where you cannot exclude a visual from being affected.

upvoted 5 times

🗨️ 👤 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 2 times

🗨️ 👤 **lhueghian** 4 months, 2 weeks ago

Same 16/10

upvoted 1 times

🗨️ 👤 **Diginomad** 4 months, 1 week ago

Was it DE?

upvoted 1 times

🗨️ 👤 **yibuqian** 4 months, 3 weeks ago

Looks like A + B.

A applies to all pages, B excludes one visual.

upvoted 5 times

🗨️ 👤 **jiggybrain** 4 months ago

Extremely Wrong !!

upvoted 2 times

🗨️ 👤 **nowwin** 5 months, 1 week ago

question in exam on 18th September

upvoted 4 times

🗨️ 👤 **Boualida100** 6 months ago

answer is correct !

upvoted 2 times

🗨️ 👤 **Yang736545** 5 months, 4 weeks ago

No I think it should be AB

upvoted 7 times

🗨️ 👤 **alain2** 5 months, 3 weeks ago

Why do you want to edit the interactions of the KPI?

DE is correct ;-)

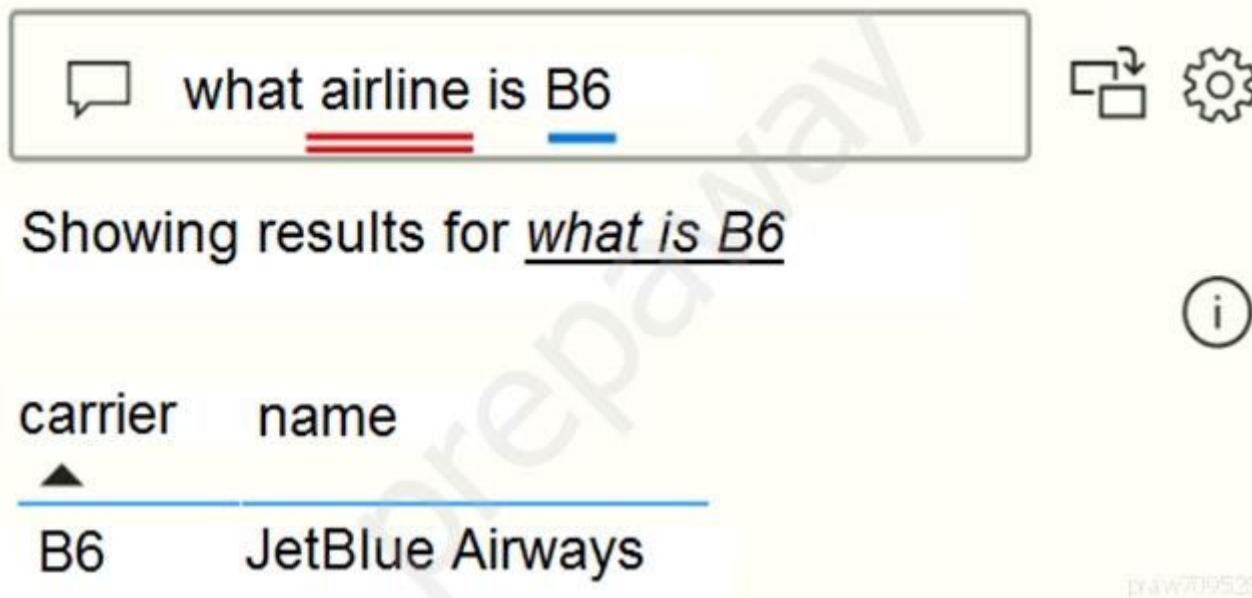
upvoted 2 times

🗨️ 👤 **HelenKim** 5 months, 2 weeks ago

A: filter on report level will not exclude specific visualization.

upvoted 5 times

You have a Q&A visual that displays information from a table named Carriers as shown in the following exhibit.



You need to ensure that users can ask questions by using the term airline or carrier. The solution must minimize changes to the data model. What should you do?

- A. Add a duplicate query named Airline.
- B. Add airline as a synonym of carrier.
- C. Rename the carrier column as airline in the Carriers query.
- D. Rename the query from Carriers to airlines.

Correct Answer: B

Add synonyms to tables and columns: This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.

This step can be important. Even with straightforward table and column names, users of Q&A ask questions using the vocabulary that first comes to them. They're not choosing from a predefined list of columns. The more sensible synonyms you add, the better your users' experience is with your report.

Reference:

<https://docs.microsoft.com/en-us/power-bi/natural-language/q-and-a-best-practices>

Boualida100 Highly Voted 6 months ago
answer is correct !
upvoted 20 times

PatrickStr Most Recent 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 1 times

hanchihl 3 months, 2 weeks ago
it's true
upvoted 1 times

sna4 4 months, 2 weeks ago
Answer "B. Add airline as a synonym of carrier." is correct.
upvoted 2 times

yusufuthman57 5 months, 2 weeks ago
The answer (B) is Correct, You can add synonyms to Columns and Tables to aid Natural Language interaction
upvoted 2 times

DRAG DROP -

You have a Microsoft Power BI workspace.

You need to grant the user capabilities shown in the following table.

User name	Task
User1	Create and publish apps.
User2	Publish reports to the workspace and delete dashboards

The solution must use the principle of least privilege.

Which user role should you assign to each user? To answer, drag the appropriate roles to the correct users. Each role may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Roles

Admin

Contributor

Member

Viewer

Answer Area

User1:

User2:

Roles

Admin

Contributor

Member

Viewer

Answer Area

User1:

User2:

Correct Answer:

Box 1: Member -

Capability	Admin	Member	Contributor	Viewer
Update and delete the workspace.	✓			
Add/remove people, including other admins.	✓			
Allow Contributors to update the app for the workspace	✓			
Add members or others with lower permissions.	✓	✓		
Publish and change permissions for an app	✓	✓		
Update an app.	✓	✓		If allowed ¹

Incorrect Answers:

Contributors can update the app metadata but not publish a new app or change who has permission to the app.

Box 2: Contributor -

Capability	Admin	Member	Contributor	Viewer
Create, edit, and delete content in the workspace.	✓	✓	✓	
Publish reports to the workspace, delete content.	✓	✓	✓	

Reference:

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-new-workspaces>

SebK Highly Voted 1 year, 4 months ago
 Answer is correct.
 upvoted 99 times


 **sakthivel** Highly Voted 1 year ago

Answer:

1.Member

2.Admin

upvoted 11 times

 **kiarash** 7 months, 2 weeks ago

1.Member

2. Admin

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-roles-new-workspaces>

upvoted 4 times

 **FRITTEN2PIET** 9 months, 1 week ago

No that is not correct!

Look up the explanation under the answer section.

It is 1. Member 2. Contributor

upvoted 9 times

 **andimohr** 8 months ago

That is correct. And it is one of the rare solution provided here that is correct - as well the explanation which is up to date

upvoted 2 times

 **scrumbann** Most Recent 1 week, 3 days ago

on exam 02/22/2022

upvoted 1 times

 **Kallandor** 1 month, 4 weeks ago

Guys is simple, be aware of this command: "The solution must use the principle of least privilege."

So te answer is:

1.Member


2.Contributor

upvoted 2 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

 **skumarkd** 4 months, 2 weeks ago

Answer is:

1. Member

2. Contributor.

For 2nd point, the user should have permission to "delete the dashboard", not the workspace. So Contributor level access allows that. If it would have been mentioned "deletion of workspace", then the answer would have been Admin.

upvoted 3 times

 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 2 times

 **lhueghian** 4 months, 2 weeks ago

Same 16/10

upvoted 1 times

 **nowwin** 5 months, 1 week ago

question in exam on 18th September

upvoted 5 times

 **RubenHd** 8 months ago

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-roles-new-workspaces>

upvoted 1 times

 **moserose** 8 months, 3 weeks ago

Member

Admin

upvoted 2 times

 **bberries** 8 months, 3 weeks ago

Contributors (and members and admins) can "Create, edit, and delete content in the workspace" and "Publish reports to the workspace, delete content."

Whereas only members (and admins) can "Publish, unpublish, and change permissions for an app"

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-new-workspaces#roles-in-the-new-workspaces>

upvoted 2 times

 **RehafKH** 10 months, 4 weeks ago

can contributors delete reports/dashboards or apps?

upvoted 1 times

 **mynameistaken** 10 months, 3 weeks ago

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-new-workspaces>

upvoted 1 times

🗨️ 👤 **hientran23** 11 months, 2 weeks ago

The answer is correct

Source: <https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-new-workspaces>

upvoted 5 times

🗨️ 👤 **mAREK369874** 1 year ago

this one is correct...

upvoted 4 times

🗨️ 👤 **abdurixit** 1 year ago

Answer is correct

upvoted 2 times

🗨️ 👤 **GraceZ** 1 year, 1 month ago

Still confused with the answer contributor, because the form shows the contributor can delete content instead of the dashboard.

upvoted 1 times

🗨️ 👤 **Biswajeet123** 1 year ago

Yes, but Contributors can update the app associated with the workspace, if the workspace Admin delegates this permission to them. However, they can't publish a new app or change who has permission to it.

upvoted 2 times

🗨️ 👤 **r1k** 1 year, 1 month ago

from july 2020 contributors can update app using specific setting

upvoted 1 times

🗨️ 👤 **bhargavi604** 1 year, 1 month ago

so,the answer will be member,contributor

upvoted 2 times

You create a dataset sourced from dozens of flat files in Azure Blob storage. The dataset uses incremental refresh. From powerbi.com, you deploy the dataset and several related reports to Microsoft Power BI Premium capacity. You discover that the dataset refresh fails after the refresh runs out of resources. What is a possible cause of the issue?

- A. Query folding is not occurring.
- B. You selected Only refresh complete periods.
- C. The data type of the column used to partition the data changed.
- D. A filter is missing on the report.

Correct Answer: A

The Power BI service partitions data based on date range. This is what enables only certain partitions to be refreshed incrementally. To make this work, the partition filter conditions are pushed down to the source system by including them in the queries. Using Power Query terminology, this is called *query folding*. It is not recommended that incremental refresh is used when the required query folding cannot take place.

Reference:

<https://powerbi.microsoft.com/en-us/blog/incremental-refresh-query-folding/>

 **Lhous** Highly Voted 1 year, 3 months ago


Yes A is correct. Query folding is not occurring because not supported for flat files and it's the only way to speed up incremental refresh.
upvoted 51 times

 **epgd** 10 months, 2 weeks ago

Query folding - Incremental refresh is designed for data sources that support query folding, which is Power Query's ability to generate a single query expression to retrieve and transform source data. Most data sources that support SQL queries support query folding. Data sources like flat files, blobs, and some web feeds often do not.

<https://docs.microsoft.com/en-us/power-bi/connect-data/incremental-refresh-overview#query-folding>

upvoted 12 times

 **maybelline_ny** Highly Voted 1 year, 3 months ago


Most data sources that support SQL queries support query folding. However, data sources like flat files, blobs, and web feeds typically do not.
upvoted 12 times

 **Zakriya** 10 months ago

Right. So answer should be D
upvoted 1 times

 **Topaz007** 11 months, 3 weeks ago

So the answer must be D.
upvoted 2 times

 **CDL** 1 year, 2 months ago

Most data sources that support SQL queries support query folding. However, data sources like flat files, blobs, and web feeds typically do not.

upvoted 2 times

 **Shan** Most Recent 2 months ago


In exam 30/12/21
upvoted 1 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021
upvoted 1 times

 **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.
my answer:
Query folding is not occurring.
upvoted 3 times

 **xm3000** 3 months, 4 weeks ago

at the beginning I went for D, but after reading "If you see this warning and want to verify the necessary query folding is occurring, use the Power Query Diagnostics feature or trace queries by using a tool supported by the data source, like SQL Profiler. If query folding is not occurring, verify the filter logic is included in the query being passed to the data source. If not, it's likely the query includes a transformation that prevents folding." on <https://docs.microsoft.com/en-us/power-bi/connect-data/incremental-refresh-overview>, found that the if D could be the perfect answer if it says "missing filter on data source" which causes failure of query folding.

upvoted 1 times

🗨️ **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 3 times

🗨️ **ju2120** 6 months ago

Not D: Filter on report has no impact on Incremental refresh but setup for Incremental refresh Date Range Filters required. NOT C: This is first attempt at refresh(test). NOT B: Irrelevant . Only A is valid option as Query folding not happening due to huge size of blob.

upvoted 2 times

🗨️ **cmonte2** 8 months, 1 week ago

According to this :<https://stackoverflow.com/questions/64093061/power-bi-incremental-refresh-from-azure-blob>

I go for C answer

upvoted 1 times

🗨️ **Canary_2021** 8 months, 1 week ago

I feel the answer should be A because:

1. Dataset refresh fails shouldn't have any relationship to a filter in report level. Filter in report level and dataset level is different.
2. 'The dataset uses incremental refresh' is a wrong solution. Incremental refresh is designed for data sources that support query folding, which is Power Query's ability to generate a single query expression to retrieve and transform source data. Flat file source doesn't support query folding, so it is the root cause of dataset refresh fails.

upvoted 2 times

🗨️ **b33liver** 8 months, 2 weeks ago

As per my knowledge its A .

Most data sources that have the concept of a query language support query folding. These data sources can include relational databases, OData feeds (including SharePoint lists), Exchange, and Active Directory. However, data sources like flat files, blobs, and web typically do not.

upvoted 2 times

🗨️ **wellingtonluis** 8 months, 2 weeks ago

Answer is D -> "You discover that the dataset refresh fails after the refresh runs out of resources." "OUT OF THE RESOURCES" , missing filter.

upvoted 1 times

🗨️ **elly** 8 months, 3 weeks ago

The possible cause of the issue is "A" Query folding is not occurring because the dataset was created with flat files from the AZURE blob storage. Note: Most data sources that support SQL queries support query folding. Data sources like flat files, blobs, and some web feeds often do not.

upvoted 1 times

🗨️ **moserose** 8 months, 3 weeks ago

A is the correct answer

upvoted 1 times

🗨️ **D24G** 9 months, 2 weeks ago

It is in the question - 'runs out of resources' , has to therefore be querying folding is not happening

upvoted 1 times

🗨️ **DeathCaliberKnight** 10 months, 2 weeks ago

lol topaz they're clearly saying query folding isnt occuring and you're saying flat files , blobs and webfeeds do not , and here we have an incremental refresh which requirese query folding so the answer is clearly A

upvoted 3 times

🗨️ **Cherishworth** 10 months, 3 weeks ago

After reading AzureRookie's reference (<https://docs.microsoft.com/en-us/power-bi/connect-data/incremental-refresh-overview>), I'll go for D, a date/time filter causes the problem.

"In cases where the filter is not supported by the data source This can cause incremental refresh to be slow, and the process can run out of resources "

This matches the scenario of this question.

upvoted 1 times

🗨️ **tzaganczyk** 10 months, 2 weeks ago

So it seems that D is also incorrect: the filter is missing on the report, not on the data source query.











So maybe C is correct here: The data type of the column used to partition the data changed? Then "In cases where the filter is not supported by the data source... and the process can run out of resources" is relevant then?

upvoted 1 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have several reports and dashboards in a workspace. You need to grant all organizational users read access to a dashboard and several reports. Solution: You enable included in app for all assets. Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

-  **Maue** Highly Voted 10 months ago
I didn't even understand what "assets" mean
upvoted 23 times
-  **jesusdax** 9 months, 3 weeks ago
Answer is correct. In this case, assets means reports, dashboards, and spreadsheets in the workspace. By published All the assets as stated in the question, the goal is NOT met.
upvoted 24 times
-  **mirzotti** 2 months, 2 weeks ago
'assets' in this context are all reports and dashboards that theoretically can be included in the app.
upvoted 1 times
-  **emizehcnas** 4 months, 1 week ago
me tooI didn't understand the question
upvoted 1 times
-  **DeathCaliberKnight** Highly Voted 10 months, 1 week ago
answer is correct , just publish an app with the several reports and a dashboard in it not all assets
upvoted 21 times
-  **Jimii** Most Recent 1 month, 4 weeks ago
Your answer is correct regarding this question. Got this in the exam on 10/14/21. But somehow you are not able to provide a clear question to the students. To get the correct questions and highly recommended answers you can visit "Hotcerts" for the best solution for your Exam certification. <https://hotcerts.com/exams>
upvoted 2 times
-  **BanderMansor** 1 month, 4 weeks ago
B
All reports and dashboards are enabled whereas only one dashboard and several reports need to be included into the app
upvoted 2 times
-  **kcwood94** 4 months, 3 weeks ago
On exam 10/14/21
upvoted 1 times
-  **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 5 times
-  **marydp** 5 months, 4 weeks ago
your answer?
upvoted 2 times

You publish a Microsoft Power BI dataset to powerbi.com. The dataset appends data from an on-premises Oracle database and an Azure SQL database by using one query.

You have admin access to the workspace and permission to use an existing On-premises data gateway for which the Oracle data source is already configured.

You need to ensure that the data is updated every morning. The solution must minimize configuration effort.

Which two actions should you perform when you configure scheduled refresh? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Configure the dataset to use the existing On-premises data gateway.
- B. Deploy an On-premises data gateway in personal mode.
- C. Set the refresh frequency to Daily.
- D. Configure the dataset to use the personal gateway.

Correct Answer: BC

B: The on-premises data gateway acts as a bridge to provide quick and secure data transfer between on-premises data (data that isn't in the cloud) and several

Microsoft cloud services. These cloud services include Power BI.

On-premises data gateway (personal mode) allows one user to connect to sources, and can't be shared with others. An on-premises data gateway (personal mode) can be used only with Power BI. This gateway is well-suited to scenarios where you're the only person who creates reports, and you don't need to share any data sources with others.


C: For Power BI users, refreshing data typically means importing data from the original data sources into a dataset, either based on a refresh schedule or on-demand. You can perform multiple dataset refreshes daily, which might be necessary if the underlying source data changes frequently.

Incorrect Answers:

A: On-premises data gateway allows multiple users to connect to multiple on-premises data sources. You can use an on-premises data gateway with all supported services, with a single gateway installation. This gateway is well-suited to complex scenarios with multiple people accessing multiple data sources.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/refresh-data>

 **Bernie2206** Highly Voted 1 year, 5 months ago

It should be A and C.

upvoted 209 times

 **D24G** 9 months, 2 weeks ago

Absolutely, no brainer

upvoted 5 times

 **Zakriya** 10 months ago

Should be.

upvoted 2 times

 **VR1** Highly Voted 1 year, 5 months ago

Ans - A & C. No need to configure a personal gateway "You have admin access to the workspace and permission to use an existing On-premises data gateway for which the Oracle data source is already configured"

upvoted 34 times

 **Meyti** Most Recent 2 months ago

by default there is not any On-premises data gateway and you should first configure it, thereby B and C should be.

upvoted 1 times

 **Shan** 2 months ago

In exam 30/12/21

upvoted 1 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

- 🗨️ **aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
my answers:
Set the refresh frequency to Daily.
Configure the dataset to use the existing On-premises data gateway.
upvoted 3 times
- 🗨️ **kcwood94** 4 months, 3 weeks ago
On exam 10/14/21
upvoted 1 times
- 🗨️ **nowwin** 5 months, 1 week ago
question in exam on 18th September
upvoted 3 times
- 🗨️ **katherine_dawalk** 6 months, 1 week ago
personal gateway doesn't support directquery, it says so here:<https://powerbi.microsoft.com/en-us/gateway/>.
Also is a gateway can support multiple data sources?
upvoted 2 times
- 🗨️ **Prathameshsable** 7 months, 1 week ago
Definitely, A&C because once you publish your report and go to manage gateways it will automatically show the existing gateway connection to Oracle. This will minimize the effort of installing a personal gateway (Option B). Also, option B seems irrelevant because if your system is off which means your personal gateway also will be off thereby impacting your daily refresh and not answering the question
upvoted 5 times
- 🗨️ **tramynt** 7 months, 1 week ago
<https://powerbi.microsoft.com/en-us/gateway/>

A and C
upvoted 2 times
- 🗨️ **wellingtonluis** 8 months, 2 weeks ago
This question is very strange, because "an existing On-premises data gateway for which the Oracle data source is already configured." I suppose that we neither have to deploy nor configure, because it is already done.
upvoted 2 times
- 🗨️ **ali0912** 9 months ago
definitely A & C
upvoted 1 times
- 🗨️ **apina** 9 months, 2 weeks ago
i think A and C.
what is the reasoning behind B?
upvoted 1 times
- 🗨️ **DeathCaliberKnight** 10 months, 1 week ago
answer A and C, it is as clear as crystal
upvoted 1 times
- 🗨️ **JESUSBB** 1 year ago
A and C are the correct answer
upvoted 6 times

You need to provide a user with the ability to add members to a workspace. The solution must use the principle of least privilege. Which role should you assign to the user?

- A. Viewer
- B. Contributor
- C. Member
- D. Admin

Correct Answer: C

A Member can add members or others with lower permissions.

Note:

Capability	Admin	Member	Contributor	Viewer
Update and delete the workspace.	✓			
Add/remove people, including other admins.	✓			
Allow Contributors to update the app for the workspace	✓			
Add members or others with lower permissions.	✓	✓		

 **brcdbrcd** Highly Voted 1 year, 4 months ago

According to the learning path, the answer is Admin.

Member

Can complete all tasks that are associated with admins but can't add or remove users


<https://docs.microsoft.com/en-us/learn/modules/create-manage-workspaces-power-bi/2-distribute-report-dashboard>

upvoted 57 times

 **chakri007** 1 year, 3 months ago

Only the [Admin] role can Add/remove other users which a [Member] role can't do. But, what a [Member] role can do is - (Add members or others with lower permissions) and this is what the question is about. So, I believe the option [C. Member] is the correct answer. Refer to the capability list items 2 and 4 at <https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-new-workspaces>

upvoted 91 times

 **SD6812** 5 months ago

Chakri007's answer is correct. Brcdbrcd's is not because 1. the role should have the least privilege, 2. the question does not say anything about removing users.


upvoted 1 times

 **TheDataGuy** 8 months ago

Correct. Here is a detailed explanation of the Member role:

Member - This role can access and interact with reports and dashboards. Additionally, this role can create, edit, copy, and delete items in a workspace, publish reports, schedule refreshes, and modify gateways. Finally, members of this role can also feature dashboards on the service, share items, allow others to reshare items, publish or republish and APP. This role is also able to add other users to the viewer or contributor role.

upvoted 5 times

 **Deloro** 1 year, 1 month ago

the trick here is, who does the member need to add? I'm a member and cannot add anyone in a particular workspace. admin can do so always. the question should be more specific I guess. But a member can (under certain circumstances) add others... so C

upvoted 4 times

 **Silia** 11 months, 3 weeks ago

MEMBERS & ADMIN can just add members or others with lower permissions.
so can be MEMBER

Source :



<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-new-workspaces>

upvoted 29 times

 **epgd** 10 months, 2 weeks ago

- Admin
- Add/remove other users

- Publish, update, and/or share an app in a workspace
 - Create, edit, delete, and publish reports and content in a workspace
 - View and interact with reports and dashboards in a workspace
 - Configure data refreshes
 - Member
 - Can complete all tasks that are associated with admins but can't add or remove users
 - Cannot delete the workspace
 - Cannot update the metadata about the workspace
- <https://docs.microsoft.com/en-us/learn/modules/create-manage-workspaces-power-bi/2-distribute-report-dashboard>
- upvoted 3 times

  **Onobhas01** 9 months, 2 weeks ago

Admin:

Add/remove other users

Publish, update, and/or share an app in a workspace

Create, edit, delete, and publish reports and content in a workspace

View and interact with reports and dashboards in a workspace

Configure data refreshes

Member:

Can do all tasks associated with admins but cannot remove users

Can add users only as members or others with lower permission

Cannot delete the workspace

Cannot update the metadata about the workspace

upvoted 3 times

  **Morti42** Highly Voted 1 year, 4 months ago

yes it's C

upvoted 43 times

  **123CCM** Most Recent 2 days, 3 hours ago

the right answer is D

upvoted 1 times

  **liulenoir** 4 months ago

Power BI Workspace roles - admin, member, contributor & viewer- Power BI Docs

Member



Can complete all tasks that are associated with admins but can't add or remove users

upvoted 1 times

  **provi** 4 months, 2 weeks ago

Answer is C, tested

upvoted 4 times

  **nowwin** 5 months, 1 week ago

question in exam on 18th September

upvoted 5 times

  **lhueghian** 4 months, 2 weeks ago

Same 16/10

upvoted 1 times

  **Vulkany** 6 months, 1 week ago

Correct Answer is C

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-roles-new-workspaces>

upvoted 6 times

  **w0mz** 6 months, 3 weeks ago

It's B - Contributor. The question asks us to 'use the principle of least privilege'.

upvoted 2 times

  **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.

upvoted 1 times

  **ankeshpatel2112** 6 months, 3 weeks ago

Here Member is correct because they have specifically mentioned "Least" privileges role so from Admin and Member role Member is correct as it has less privileges than the admin role.

upvoted 2 times

  **ankeshpatel2112** 6 months, 3 weeks ago

Member is the correct Answer
upvoted 2 times

🗨️ 👤 **liasolutionssas** 7 months, 1 week ago

C is correct. It would be admin, but the solution must use "the principle of least privilege."
upvoted 2 times

🗨️ 👤 **bijnas** 7 months, 1 week ago

Good. Explanation is correct
upvoted 1 times

🗨️ 👤 **shrikk** 7 months, 2 weeks ago

Member Can Add another Member but can't delete other roles.
I just checked ,I am a member of a Production workspace ,it allows me to add members to it.
So,Member should be the answer as it has least privilege.
upvoted 2 times

🗨️ 👤 **AlanMont** 7 months, 2 weeks ago

According to this documentation (jan/21), the answer is C. Member
<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-roles-new-workspaces>
upvoted 3 times

🗨️ 👤 **ch1nczyk** 8 months ago

Member: can add others with lower permission.

Question is asking to provide an ability to add members to a workspace, so it's the same permission level. Ergo: members would not be able to complete the task, the answer is Admin.

upvoted 1 times

🗨️ 👤 **Diginomad** 4 months, 1 week ago

Members can add others and has least privilege compared to admin. Answer is Member
upvoted 1 times

🗨️ 👤 **dhirajporwal** 8 months ago

Answer C (Member) is Correct
Refer this link:-
<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-roles-new-workspaces>
upvoted 5 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have several reports and dashboards in a workspace. You need to grant all organizational users read access to a dashboard and several reports. Solution: You publish an app to the entire organization. Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

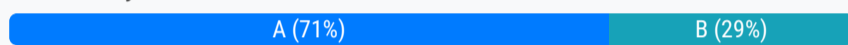
Instead assign all the users the Viewer role to the workspace.

Note: The Viewer role gives a read-only experience to its users. They can view dashboards, reports, or workbooks in the workspace, but can't browse the datasets or dataflows. Use the Viewer role wherever you would previously use a classic workspace set to Members can only view Power BI content.

Reference:

<https://powerbi.microsoft.com/en-us/blog/announcing-the-new-viewer-role-for-power-bi-workspaces/>

Community vote distribution



AnnieShahid Highly Voted 1 year, 4 months ago

Ans is B.

You have several reports and dashboards in a workspace.

You need to grant all organizational users read access to a dashboard and several reports.

DashboardS

ReportS

are in a workspace.

But access should be given to

Dashboard

ReportS

If we publish app and give access to everybody - they will have access to everything.

Now if we select ReportS and Dashboard for the App, that no longer is one step - It is 2 steps. Selection of right reports and then publish the app.

upvoted 76 times

bberries 8 months, 3 weeks ago

"An app can have ONE OR MORE dashboards and ONE OR MORE reports, all bundled together. Apps are created by Power BI designers who distribute and share the apps with their colleagues."

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-apps#what-is-a-power-bi-app>

upvoted 3 times

bberries 8 months, 3 weeks ago

There is an option to "include in app" or not for both reports and dashboards - so looks like A is very much a viable solution.

upvoted 10 times

Shan 1 year, 1 month ago

In the navigation pane, you can hide some dashboards and reports. So not all the reports of workspace will be published on app.. So A is still possible to me . Please correct me if I am wrong

upvoted 14 times

jerryl 1 year, 1 month ago

why 2 steps matter? i think publishing app already implies that the content inside are selectable

upvoted 5 times

titi08 Highly Voted 1 year, 4 months ago

I thin solution A could be correct too, if someone knows why B please explain? when we publish an app we can choose to give read access to the entire organization


upvoted 58 times

Nonis 10 months ago

Answer is A

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-apps>

upvoted 6 times

 **Jey25** 1 year, 3 months ago

Yes i think A is correct. I know still need to grant access to entire organization and select which reports and dashboards to include in the app but i interpret publishing an app to the entire organization means doing all the required steps.

upvoted 19 times

 **Kpn123** 1 year, 3 months ago

I agree..

upvoted 4 times

 **Grogu_JDZL** 1 year, 1 month ago

the key words for what B is a correct answer is "several reports", when you publish an app, right now only can for a report and not for several reports

upvoted 2 times

 **PSidana** 1 year, 1 month ago

We can add multiple reports to an app. So A could be the correct answer too. but I don't know how we will include a dashboard in this category. so, for me the answer is B.

upvoted 2 times

 **xabieul** Most Recent 3 weeks, 5 days ago

Selected Answer: A

For me it is clear that answer is A. In Microsoft Power BI documentation we can read:

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-apps#what-is-a-power-bi-app>

By using an app, it's easier for designers to manage permissions on these collections since the app can have permissions that are different than those set on the workspace.

...


An app combines related content -- dashboards, spreadsheets, datasets, and reports -- all in one place. An app can have one or more of each content type, all bundled together

upvoted 3 times

 **Anuki** 1 month ago

The answer is A. "By using an app, it's easier for designers to manager permissions on these collections since the app can have permissions that are different than those set on the workspace." Thus, even though the reports are in the same workspace you can create an app and grant permissions to selected reports.

upvoted 1 times

 **WW219** 2 months, 2 weeks ago

The trick part of this question is that the requirement is "grant all organizational users read access", but in the solution part, it didn't mention what permissions were granted.

upvoted 1 times

 **medsimus** 3 months, 1 week ago

Selected Answer: A

I think the ans is A

upvoted 2 times

 **Sandra** 3 months, 1 week ago

No.. To grant user rights you need to tick "Allow all users to connect to the app's underlying datasets using the Build permission".. Only publishing is not enough.

upvoted 1 times

 **toaldoe** 3 months, 1 week ago

Selected Answer: B

the question says you need to grant "ALL ORGANIZATIONAL USERS" read access and not the "ENTIRE ORGANIZATION". This sounds like there are specific staff that require the use and not all staff of the organization.

Solution: You publish an app to the entire organization.

upvoted 2 times

 **toaldoe** 3 months, 1 week ago

the question says you need to grant "ALL ORGANIZATIONAL USERS" read access and not the "ENTIRE ORGANIZATION". This sounds like there are specific staff that require the use and not all staff of the organization.

Solution: You publish an app to the entire organization but grant a viewer role to the specific users.

upvoted 1 times

 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 1 times

 **Vulkany** 6 months, 1 week ago

Answer A

1. "Apps are created in workspaces, where members can collaborate on Power BI content with their colleagues before publishing the finished app to individuals, large groups of people in an organization, or an entire organization. By using an app, it's easier for designers to manager permissions on these collections since the app can have permissions that are different than those set on the workspace."

2. Does it meet the goal? and Answer is Yes it does..
It doesn't give any specific input beyond that.

upvoted 2 times

🗨️ **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 1 times

🗨️ **tramynt** 7 months, 1 week ago
tested, yes
upvoted 2 times

🗨️ **Charley92** 8 months, 1 week ago
After you install an app, you don't have to remember the names of a lot of different dashboards or reports because they're all together in one app, in your browser or on your mobile device
upvoted 1 times

🗨️ **elly** 8 months, 2 weeks ago
After reading this - <https://docs.microsoft.com/en-us/power-bi/consumer/end-user-apps>
I think the correct answer is YES.
upvoted 2 times

🗨️ **Gatobic** 9 months, 1 week ago
In this question you are only creating App. There is no information about giving uses access to workspace or to App. So answer is No.
upvoted 3 times

🗨️ **mrtnr** 9 months, 2 weeks ago
If you put all the dashboards and reports into one app, you can achieve the same. Alternatively, grant access to everyone as viewer
upvoted 2 times

🗨️ **Mwalimu** 10 months, 2 weeks ago
<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-create-distribute-apps>
users cannot modify the contents A
upvoted 4 times

You have multiple dashboards.

You need to ensure that when users browse the available dashboards from powerbi.com, they can see which dashboards contain Personally Identifiable

Information (PII). The solution must minimize configuration effort and impact on the dashboard design.

What should you use?

- A. comments
- B. tiles
- C. Microsoft Information Protection sensitivity labels
- D. Active Directory groups

Correct Answer: C

Microsoft Information Protection sensitivity labels provide a simple way for your users to classify critical content in Power BI without compromising productivity or the ability to collaborate.

Sensitivity labels can be applied to datasets, reports, dashboards, and dataflows.

Reference:

<https://docs.microsoft.com/en-us/power-bi/admin/service-security-sensitivity-label-overview>

 **Kuby** Highly Voted 1 year, 2 months ago

C is right, PII can be available only for those who are authorized and it can be obtain by sensitivy labels (similar to AIP for documents)
upvoted 56 times

 **EMNAB** Highly Voted 11 months, 3 weeks ago

Correct answer : c

There are several settings in the Power BI Administrative Portal that can impact access to PII. Click here for a comprehensive list. A few I'd recommend understanding in detail for an enterprise deployment requiring PII governance include:

Create Workspaces

Use Datasets Across Workspaces

Enable Microsoft Information Protection Security Labels

Set Sensitivity Labels for Power BI Content and Data

Share Content with External Users

Publish to Web (most customers turn this off)

Export Data

SOURCE: <https://techcommunity.microsoft.com/t5/healthcare-and-life-sciences/control-pii-and-sensitive-data-risk-for-self-service-bi-using/ba-p/1018486>

upvoted 5 times

 **scrumbann** Most Recent 1 week, 3 days ago

on exam 02/22/2022

upvoted 1 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021 i select video

upvoted 1 times

 **ihustle** 4 months ago

"The data itself, including its sensitivity level, is an important factor. Some data domains inherently require tighter controls. For instance, personally identifiable information (PII), or data subject to regulations, should be subject to stricter governance requirements than less sensitive data."

<https://docs.microsoft.com/en-us/power-bi/guidance/powerbi-adoption-roadmap-governance>

C is right.

upvoted 1 times

 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 2 times

 **lhueghian** 4 months, 2 weeks ago

Same 16/10

upvoted 1 times

🗨️ 👤 **nowwin** 5 months, 1 week ago
question in exam on 18th September
upvoted 3 times

🗨️ 👤 **Moshekwa** 10 months ago
I agree with C. Ms sensitivity labels used for data protection for reports, datasets and dashboards

<https://docs.microsoft.com/en-us/learn/modules/create-manage-workspaces-power-bi/6-data-protection>
upvoted 5 times

🗨️ 👤 **DeathCaliberKnight** 10 months, 1 week ago
answer is C 100%
upvoted 3 times

🗨️ 👤 **jerry1** 1 year, 1 month ago
"they can see which dashboards contain PII" <- what does it actually mean? can someone explain this?
upvoted 2 times

🗨️ 👤 **Vfleriya** 1 year, 2 months ago
Correct answer is D, not C
In the Power BI service, sensitivity labeling does not affect access to content. Access to content in the service is managed solely by Power BI permissions. While the labels are visible, any associated encryption settings (configured in either the Microsoft 365 security center or the Microsoft 365 compliance center) are not applied. They are applied only to data that leaves the service via a supported export path, such as export to Excel, PowerPoint, or PDF, and download to .pbix
upvoted 4 times

🗨️ 👤 **Sameer123** 1 year, 1 month ago
But the question doesn't talk about 'access'. It talks about 'visibility':

You need to ensure that when users browse the available dashboards from powerbi.com, they can see which dashboards contain Personally Identifiable

In my view, C is the appropriate answer (labels) for visibility of PII.
upvoted 17 times

🗨️ 👤 **aysays** 1 year, 2 months ago
it should be D
upvoted 4 times

You have a Power BI tenant.

You have reports that use financial datasets and are exported as PDF files.

You need to ensure that the reports are encrypted.

What should you implement?

- A. dataset certifications
- B. row-level security (RLS)
- C. sensitivity labels
- D. Microsoft Intune policies

Correct Answer: C

General availability of sensitivity labels in Power BI.

Microsoft Information Protection sensitivity labels provide a simple way for your users to classify critical content in Power BI without compromising productivity or the ability to collaborate. Sensitivity labels can be applied on datasets, reports, dashboards, and dataflows. When data is exported from Power BI to Excel, PowerPoint or PDF files, Power BI automatically applies a sensitivity label on the exported file and protects it according to the label's file encryption settings. This way your sensitive data remains protected no matter where it is.

Reference:

<https://powerbi.microsoft.com/en-us/blog/announcing-power-bi-data-protection-ga-and-introducing-new-capabilities/>

 **Kuby** Highly Voted 1 year, 2 months ago

C is right, <https://docs.microsoft.com/en-us/power-bi/admin/service-security-sensitivity-label-overview>
upvoted 34 times

 **andimohr** 8 months ago

yes: ...In the Power BI service, sensitivity labels can be applied to datasets, reports, dashboards, and dataflows. When labeled data leaves Power BI, either via export to Excel, PowerPoint, PDF, or .pbix files, or via other supported export scenarios such as Analyze in Excel or live connection PivotTables in Excel, Power BI automatically applies the label to the exported file and protects it according to the label's file encryption settings. ...
upvoted 4 times

 **Shan** Highly Voted 1 year, 1 month ago

In the Power BI service, sensitivity labels can be applied to datasets, reports, dashboards, and dataflows. When labeled data leaves Power BI, either via export to Excel, PowerPoint, PDF, or .pbix files, or via other supported export scenarios such as Analyze in Excel or live connection PivotTables in Excel, Power BI automatically applies the label to the exported file and protects it according to the label's file encryption settings. This way your sensitive data can remain protected, even when it leaves Power BI.
upvoted 10 times

 **nowwin** Most Recent 5 months, 1 week ago

question in exam on 18th September
upvoted 4 times

 **jefferzonzN** 6 months ago


C is correct... and i am not a robot
upvoted 7 times

 **francis6170** 6 months, 3 weeks ago


Got this in the exam - Aug 15, 2021.
upvoted 4 times

 **BanderMansor** 2 months, 3 weeks ago

you got everything in the exam :)
upvoted 2 times

 **paulojorge** 6 months, 3 weeks ago

A is the correct answer.
<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-endorsement-overview>
upvoted 1 times

 **Lynlyn21** 8 months, 3 weeks ago

C is right
upvoted 2 times

 **harshada009** 9 months ago

This was asked in exam and C is correct answer.
upvoted 3 times

  **Hablemosdedatos** 9 months, 2 weeks ago

Sensitivity labels specify which data can be exported. These labels are configured externally to Power BI, and Power BI allows you to quickly use them in your reports and dashboards. These labels allow you to define and protect content, even outside of Power BI. Datasets, dataflows, reports, and dashboards can use this mechanism, and all users in your corporation can use this feature unless exceptions have been defined.

upvoted 2 times

  **Silia** 11 months, 3 weeks ago

Correct Answer C

"Enforce governance policies even when Power BI content is exported to Excel, PowerPoint, PDF, and other supported export formats to help ensure data is protected even when it leaves Power BI."

upvoted 2 times

  **Vfleriya** 1 year, 2 months ago

C correct

upvoted 3 times

Your company plans to completely separate development and production assets such as datasets, reports, and dashboards in Microsoft Power BI. You need to recommend an application lifecycle strategy. The solution must minimize access to production assets and prevent end users from viewing the development assets.

What should you recommend?

- A. Create production reports in a separate workspace that uses a shared dataset from the development workspace. Grant the end users access to the production workspace.
- B. Create one workspace for development. From the new workspace, publish an app for production.
- C. Create a workspace for development and a workspace for production. From the production workspace, publish an app.
- D. In one workspace, create separate copies of the assets and append DEV to the names of the copied assets. Grant the end users access to the workspace.

Correct Answer: C

Use different work stages (Development, Test, and Production).

Deploy from the Development workspace.

Reference:

<https://visualbi.com/blogs/microsoft/powerbi/application-lifecycle-management-power-bi/>

Community vote distribution



ad1000 Highly Voted 1 year, 1 month ago

I think C is correct. A & B cannot be right because it says "completely separate development and production assets such as datasets, reports, and dashboards". A and B would not have separate datasets.

upvoted 73 times

puttybi Highly Voted 1 year, 1 month ago

I think C. The reason being, I believe they are putting in a question related to Premium capacity, and a deployment pipeline aligns to the answer.

upvoted 11 times

teeman001 Most Recent 1 month, 1 week ago

Selected Answer: C

C is correct

upvoted 2 times

toaldoe 3 months, 1 week ago

I go with A.

The question says "The solution must minimize access to production assets". Option A grants only the end users to the production assets. My thought

upvoted 1 times

aguilartu1 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answers:

Create a workspace for development and a workspace for production. From the production workspace, publish an app.

upvoted 3 times

nowwin 5 months, 1 week ago

question in exam on 18th September

upvoted 3 times

Vulkany 6 months, 1 week ago

Correct Answer: C

Why?

From the step by step Configuration of deployment pipelines you can read at point 5.

"To create your pipeline, assign workspaces to each of these stages to facilitate where your reports and dashboards will be housed during each stage."

<https://docs.microsoft.com/en-us/learn/modules/create-manage-workspaces-power-bi/4-development-lifecycle-strategy>

upvoted 2 times

francis6170 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.

upvoted 2 times


Fouad01 9 months, 3 weeks ago

The answer is B

You can assign the pipeline to one workspace (development for example) and then all workspaces in the different stages will be created

automatically when you deploy. You can use publish app in each stage.
<https://www.youtube.com/watch?v=L-rGuFCOn18>

upvoted 2 times

  **bberries** 8 months, 3 weeks ago

Very helpful video. However, option B doesn't mention anything about creating a deployment pipeline - it just says to use one workspace and then publish an app from that workspace.

But we need to "completely separate development and production assets such as databases, reports and dashboards". The only option here that suits is to create separate workspaces.

upvoted 3 times

  **EmperorWenchang** 11 months, 1 week ago

C is the only just fine choice in this question. Using "delete bad and impossible choices first" test skill, C is the better choice.

upvoted 4 times

  **andimohr** 8 months ago


Totally agree. Besides logical and technical understanding, the exam questions require a good understanding of language - which is tough for non native english speakers

upvoted 2 times

  **lyniguez** 11 months, 3 weeks ago

New feature incoming that has pipeline development for premium workspace. Obsolete question after the test gets updated

upvoted 4 times

  **Sentrix** 1 year, 1 month ago

This feels like its related to the Premium feature of development pipeline. As of the exam update of 27th Jan 2021, this question could be updated to be more specific on that feature of PBI Premium.

upvoted 3 times

  **TonyLalal** 1 year, 1 month ago

C is correct. The question says: 'completely separate development and production assets such as datasets'. Datasets are only separated when you use different workspaces.

upvoted 5 times

  **kalyhot** 1 year ago

C is correct but don't agree with your explication

You can have more than Dataset in your workspace (Tested) so this is not the reason for C

==> the reason is that in the question they say "prevent end users from viewing the development assets" In only one workspace it's not possible, this is why C

Because if there is only one workspace (like in "D answer") the end user will have also access to Dev Report (because with the Viewer rôle they can see all the reports and dashboards)

Hope it's clear

upvoted 7 times

  **Taddi10** 1 year, 1 month ago

For me B is the good answer, it should do the job because final users will have only access to the application

upvoted 4 times

  **catcatcattun** 7 months, 3 weeks ago

It might be the case that the dataset for production is different than the dataset for development.

"Now, you are close to completing the pipeline, transitioning from development to testing, and finally to production. At this stage, you need to create a data source rule for the OrdersFigures dataset in the workspace to ensure that you are using production data. In this instance, you will be changing your source from the test to the production folder version of the orders.csv file, as shown in the following screenshot."

<https://docs.microsoft.com/en-us/learn/modules/create-manage-workspaces-power-bi/4-development-lifecycle-strategy>

upvoted 1 times

  **chaki** 1 year, 1 month ago

i think it is A

upvoted 5 times

You have a collection of reports for the HR department of your company. The datasets use row-level security (RLS). The company has multiple sales regions that each has an HR manager.

You need to ensure that the HR managers can interact with the data from their region only. The HR managers must be prevented from changing the layout of the reports.

How should you provision access to the reports for the HR managers?

- A. Publish the reports to a different workspace other than the one hosting the datasets.
- B. Publish the reports in an app and grant the HR managers access permission.
- C. Add the HR managers as members of the existing workspace that hosts the reports and the datasets.
- D. Create a new workspace, copy the datasets and reports, and add the HR managers as members of the workspace.

Correct Answer: A

Note: Row-level security (RLS) with Power BI can be used to restrict data access for given users. Filters restrict data access at the row level, and you can define filters within roles. In the Power BI service, members of a workspace have access to datasets in the workspace. RLS doesn't restrict this data access.

Reference:

<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>

 **Shazgul** Highly Voted 1 year, 1 month ago

I think its B.

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-create-distribute-apps>


RLS is used to restrict access to data not to layout of the report. Members are allowed to change the report layout.

upvoted 142 times

 **TheDataGuy** 8 months ago

Does anyone know how the answer is revealed on the main screen? Like who decides it's the right answer? Don't they need to update it with the correct answer? This could be misleading to a lot of folks who don't check the discussion in here

upvoted 14 times

 **trextea** 6 months, 3 weeks ago

caveat emptor

upvoted 3 times

 **Zakriya** 10 months ago

Yes, it is B

upvoted 10 times

 **LasseKaldefoss** 1 year, 1 month ago

I agree

upvoted 7 times

 **kalyhot** Highly Voted 1 year ago

It's B

because: Can't be A , you can't only publish Report without Dataset in import mode.


But in Direct Mode they can (with the schema of the Data)

<https://community.powerbi.com/t5/Service/Only-publish-the-reports-from-Power-BI-Desktop/m-p/433887#M46273>

But in the question the didn't mention Direct mode so it's B for me

And with restriction modification of Layout it can't be C and D

upvoted 6 times

 **PatrickStr** Most Recent 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 2 times

 **ihustle** 3 months, 2 weeks ago


A is wrong, if the HR Managers have access to the workspace, the layout could be changed.

upvoted 1 times

 **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

upvoted 1 times

 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 1 times

- 🗨️ 👤 **L3x** 5 months ago
<https://community.powerbi.com/t5/Desktop/Grant-Deny-Access-to-Specific-Reports-in-Workspace/m-p/576460>
upvoted 1 times
- 🗨️ 👤 **francis6170** 6 months, 3 weeks ago
Got this in the exam - Aug 15, 2021.
upvoted 3 times
- 🗨️ 👤 **bpxgeek** 6 months, 3 weeks ago
Agreed it's B
upvoted 1 times
- 🗨️ 👤 **Wbelkaaloul** 8 months, 2 weeks ago
i thik its B
upvoted 2 times
- 🗨️ 👤 **Massy** 9 months, 2 weeks ago
why can't be C? We already have RLS
upvoted 1 times
- 🗨️ 👤 **jiggybrain** 4 months ago
RLS Does not affect Admins, Members and Contributors.
upvoted 2 times
- 🗨️ 👤 **MonikaL** 9 months, 2 weeks ago
Because member can change the report
upvoted 3 times
- 🗨️ 👤 **TestUser911** 9 months, 3 weeks ago
I also think B
upvoted 3 times
- 🗨️ 👤 **DeathCaliberKnight** 10 months, 1 week ago
answer is B or D for me but i'll go with B
upvoted 2 times
- 🗨️ 👤 **DeathCaliberKnight** 10 months, 2 weeks ago
its B , because rls is applied and its only viewer mode in a workspace so HR manager cant interact with their respective regions , so rather give them permission by publishing an app
upvoted 3 times
- 🗨️ 👤 **aclacl** 11 months ago
The correct answer is B
upvoted 1 times
- 🗨️ 👤 **moodi86** 11 months, 2 weeks ago
it has to be A, b doesnt help with limiting each manager to see thier own region
upvoted 3 times
- 🗨️ 👤 **Topaz007** 11 months, 2 weeks ago
No, B it is. RLS is already in place and is enforced in an app as well. Creating a new workspace won't help here.
upvoted 3 times
- 🗨️ 👤 **NargesRokni** 4 months, 3 weeks ago
sorry, I have a question, RLS will be applied authomatically by creating an app?
upvoted 1 times
- 🗨️ 👤 **MRefai** 1 year ago
The answer is: B
upvoted 2 times

You create a report by using Microsoft Power BI Desktop.

The report uses data from a Microsoft SQL Server Analysis Services (SSAS) cube located on your company's internal network.

You plan to publish the report to the Power BI Service.

What should you implement to ensure that users who consume the report from the Power BI Service have the most up-to-date data from the cube?

- A. a subscription
- B. a scheduled refresh of the dataset
- C. an OData feed
- D. an On-premises data gateway

Correct Answer: D


When you've created dynamic reports in Power BI Desktop, you can share them by publishing to your Power BI site. When you publish a Power BI Desktop file with a live connection to a tabular model to your Power BI site, an on-premises data gateway must be installed and configured by an administrator.

 **dayotee** Highly Voted 1 year, 1 month ago

SSAS is a live connection to Power BI. So no need to schedule refresh.

D is correct.


upvoted 58 times

 **jerryl** 1 year, 1 month ago

<https://powerbi.microsoft.com/en-us/gateway/>

Keep your dashboards and reports up to date by connecting to your on-premises data sources without the need to move the data. so seem D is an appropriate option

upvoted 2 times

 **jerryl** 1 year, 1 month ago

it seems even it says it is a live connection, it can still choose between import mode or direct query mode

if import mode is chosen, i think it still needs regular extraction?

please correct me if this is wrong


<https://www.youtube.com/watch?v=pX-Pyho1cnE>

upvoted 2 times

 **DDChen** 1 year, 1 month ago

yes! exactly

upvoted 1 times

 **Taddi10** Highly Voted 1 year, 1 month ago

The answer is correct, we need a gateway to have last data because the cube is in internal location

upvoted 18 times

 **PatrickStr** Most Recent 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times


 **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answer:

an On-premises data gateway

upvoted 2 times

 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 1 times

 **nowwin** 5 months, 1 week ago

question in exam on 18th September

upvoted 2 times

 **cmonte2** 8 months, 1 week ago

D, no doubt.

upvoted 2 times

 **amadeus21** 10 months ago

D is correct - this video explains it

<https://www.youtube.com/watch?v=WJ5Y4FjkWZw>

upvoted 3 times

 **SirChris** 10 months, 3 weeks ago

According to this link it's D.
<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-subscribe>

Opening line says "It's never been easier to stay up-to-date on your most important dashboards and reports. Subscribe to report pages and dashboards". With the article being created in Feb 2021, I would say this is the most up to date document at the time of typing.



upvoted 1 times

  **manlynn** 11 months ago

The point of this question is "to ensure the user consumes the most up-to-date reports". A gateway can only ensure the user access the data source but cannot ensure the reports are most up-to-date. But subscription can. Please refer to this material. I would go with A.

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-subscribe>

upvoted 2 times

  **O_Anjum** 6 months, 2 weeks ago

Easier way would be to schedule a refresh cube data job on SQL server daily. Now everyday the users will have fresh data on their report.

upvoted 1 times

  **Maue** 10 months ago

I undersand, but remember that the Microsoft questions always refers to the "most correct answer", not "the only correct" answer... and they do that referring the question context too, when they said "internal network... SASS...", I know, that is anoying

upvoted 1 times

  **lyniguez** 11 months, 2 weeks ago

D is correct. We use cube data sources in SSAS at my company and this is how we have refresh set up.

upvoted 1 times

  **VM_GCP** 11 months, 3 weeks ago

D

Data refresh is not necessary for live connection

<https://docs.microsoft.com/en-us/power-bi/connect-data/refresh-data>

upvoted 2 times

  **Sujeet88** 1 year ago

Go with D as that is minimum set up needed. The connection can be Live mode as well. Hence D is correct !

upvoted 1 times

  **Kliment** 1 year, 1 month ago

The answer is D, because the questions asks what we should do when we publish the report to PowerBI Service, and the dataset is in internal network.

upvoted 2 times

  **MBA_1990** 1 year, 1 month ago

Answer is correct : we need to implement gateway before scheduling a refresh

upvoted 3 times

  **sin_15** 1 year, 1 month ago



B makes more sense...can someone else weigh in please.

upvoted 4 times

  **Taddi10** 1 year, 1 month ago

No you plan to publish the report, refresh is done on the cube you need juste to garanty the access to the cube, that's all so the response as I said should be D

upvoted 4 times

  **Mr_E** 1 year, 1 month ago

B seems more logical. D applies to the general connection, but to actually have Up-to-date data a regular refresh is required.

upvoted 6 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have several reports and dashboards in a workspace. You need to grant all organizational users read access to a dashboard and several reports. Solution: You create an Azure Active Directory group that contains all the users. You share each report and dashboard to the group. Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

Instead assign all the users the Viewer role to the workspace.

Note: The Viewer role gives a read-only experience to its users. They can view dashboards, reports, or workbooks in the workspace, but can't browse the datasets or dataflows. Use the Viewer role wherever you would previously use a classic workspace set to Members can only view Power BI content.

Reference:

<https://powerbi.microsoft.com/en-us/blog/announcing-the-new-viewer-role-for-power-bi-workspaces/>

Community vote distribution

B (100%)

 **GIO200011** Highly Voted 1 year, 4 months ago

Should be yes. I know there is a better way, but this one just works fine as well.
upvoted 86 times

 **andimohr** 8 months ago

When you share a report or dashboard you can grant access to the Security Group. You have the option to check or uncheck "allow recipients to build content with the data associated with this report" - but is checking that option equivalent to giving "read access" with least possible privileges? How is that from a linguistic-analytical point of you? I am not native english and these questions are getting on my nerves.
upvoted 12 times

 **sowjs135** 2 months, 1 week ago


<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-roles-new-workspaces>
•Answer is Yes
You can also enforce RLS without giving access to the new workspace. Publish an app and distribute it to those users, or use sharing to distribute content to them.
upvoted 1 times

 **Marly79** Highly Voted 1 year, 3 months ago

I think it should be 'no'. The goal is to give the users access to the reports and a dashboard. So not all dashboards!
upvoted 36 times

 **lhueghian** 4 months, 3 weeks ago

I agree, because it says "You share EACH report and dashboard" Instead of you share reports and a dashboard.
upvoted 2 times

 **puttybi** 1 year, 1 month ago

I tend to agree. The question is rather vague. You could assign the AAD group to the viewer role. The option presented though isn't that specific.
upvoted 4 times

 **xabieul** Most Recent 3 weeks, 5 days ago

Selected Answer: B

We want to share only some reports and a dashboard, so the answer is NO.
upvoted 2 times

 **Sandrea** 3 months, 1 week ago

B: Sharing a dashboard or a report does not give you automatically rights to read the data set. Sharing alone is not enough.
upvoted 2 times

 **nugi12** 4 months, 1 week ago

why do i got the feeling the exam is more like logic and reading comprehension test...
upvoted 19 times

 **woody79** 5 months ago

Answer should be Yes. "When you share a report or dashboard, the people you share it with can view it and interact with it but can't edit it."

upvoted 2 times

  **DarioReymago** 5 months, 3 weeks ago

I think not, because the role was not specified in the proposed solution. they can share as edit mode

upvoted 1 times

  **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.

upvoted 3 times

  **t330** 8 months ago

Answer: A

Explanation:

Statements and questions are tricky and confusing. When the access is granted for the group (all users) for ALL (each) dashboards and ALL (each) reports in the workspace, then they will have read access to the specific (A, one) Dashboard and several reports, because they are part of all dashboards and reports. There is no statement, that for the other dashboards (except the one) and the other reports (except the several) that access must be prevented. They are also accessible (maybe it is not desired but not stated here).

upvoted 8 times

  **Canary_2021** 8 months, 1 week ago

I think it should be 'Yes'. It is not a best solution, because if you want to share 5 reports and 1 dashboard. You have to repeat the 2 second step several times. But it works.

Step:

1. Setup security group and assign members in Active Directory or Microsoft 365 admin center.


2. Open one report or dashboard in Power BI service -> Click share -> Select a security group. In this way, you can assign read only access to a group of users for a specific report or dashboard.

upvoted 3 times

  **AshishScotia** 8 months, 3 weeks ago

is Viewer different to read access?

upvoted 1 times

  **bpxgeek** 9 months, 2 weeks ago

B Because the viewer role can give a read-only experience to the users

upvoted 2 times

  **D24G** 9 months, 2 weeks ago

Yes this does meet the goal. IN THE CONTEXT of the the question, this will meet the specific need that has been asked.

upvoted 1 times

  **elly** 11 months, 1 week ago

What is the correct answer, A or B?

upvoted 5 times

  **lyniguez** 11 months, 3 weeks ago

technically yes but B is more efficient

upvoted 1 times

  **kalyhot** 1 year ago

No for me.

this is why:

1 " a dashboard " they say they will share with AD group each dashboard

2 more simple to give The Viewer role to the group than the share each report and dashboard

upvoted 5 times

  **egyhuj** 1 year ago

Agree: You share EACH report AND DASHBOARD. We only suppose to share one dashboard!

upvoted 1 times

  **O_Anjum** 6 months, 1 week ago

Do you "English" bro?

upvoted 1 times

  **faten** 1 year ago

YES.

Viewer role has access to view EVERY report and dashboard and workbook in that workspace which is not the case here

upvoted 3 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have several reports and dashboards in a workspace.

You need to grant all organizational users read access to a dashboard and several reports.

Solution: You assign all the users the Viewer role to the workspace.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A

The Viewer role gives a read-only experience to its users. They can view dashboards, reports, or workbooks in the workspace, but can't browse the datasets or dataflows. Use the Viewer role wherever you would previously use a classic workspace set to Members can only view Power BI content.

Reference:

<https://powerbi.microsoft.com/en-us/blog/announcing-the-new-viewer-role-for-power-bi-workspaces/>

Community vote distribution


B (100%)

 **titi08** Highly Voted 1 year, 4 months ago


Answer is NO : because we want to give access to only one dashboard, viewer role will give read access to everything in the wksp
upvoted 91 times

 **ocelot911** 1 year, 4 months ago

What about the reports?
upvoted 5 times

 **robbie82r** 1 year, 2 months ago

workspace access gives permission to ALL reports. The question states that only few reports need to be shared
upvoted 8 times

 **kev_alexander** Highly Voted 1 year, 3 months ago

If we are stricts the answer is not, but I feel that can be yes because doing this you meet the goal but you give access to more dashboards. And I don't understand why the admin will give access only to a one dashboard to all the organization. I feel that there is a mistake in the writing of this problem. Maybe the answer is yes and they don't figure about if the access is only for one dashboard the viewer role isn't a good option.
upvoted 19 times


 **kev_alexander** 1 year, 3 months ago

For me , the right option for this set questions is creating an app.
upvoted 7 times

 **tgaos** Most Recent 2 months, 1 week ago

Selected Answer: B

No because we want to give access to only one dashboard, viewer role will give read access to everything in the workspace.
upvoted 3 times

 **Wayne951221** 4 months ago

Answer should be Yes.....
Viewer role will allow all users to read all the reports and dashboards so they will have no problem reading a particular dashboard
upvoted 3 times

 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21
upvoted 1 times

 **woody79** 5 months ago

i wouldn't make up my own question or add to it. Its a very specific question. If one gives everyone viewer rights to the workspace can they see a subset of the assets ? Answer is Yes.
upvoted 2 times

 **nowwin** 5 months, 3 weeks ago

Answer is Yes, Question says access to several reports in work space .
upvoted 2 times

 **Vulkany** 6 months, 1 week ago

In my opinion it is sad that we are being judged by the interpretation of the question and not by knowledge we have about the subject.

If we consider that the question mentions
"... a dashboard and several reports"

I conclude that the answer should be "No", because I am guaranteeing access to all reports and not just some.

upvoted 6 times

  **francis6170** 6 months, 3 weeks ago

Got this in the exam - Aug 15, 2021.

upvoted 1 times

  **ankeshpatel2112** 6 months, 3 weeks ago

Here Questions says "Several Reports" Not "All" reports so technically it is wrong but the in this situation we can go with this approach as we don't have anything else.

upvoted 2 times

  **liasolutionssas** 7 months, 1 week ago

The key statement here is the access should be granted to "ALL ORG. USERS". EVERYONE needs access. So, assigning the viewer role will do the trick.

upvoted 1 times

  **Canary_2021** 8 months, 1 week ago

Agree! Answer should be NO.


If assign viewer access to workspace level, all reports and all dashboards are visible.

upvoted 3 times

  **Massimo70** 8 months, 2 weeks ago

Anyway these questions are specious.! how can a YES-NO questions be interpretable??

upvoted 1 times

  **jakup123** 9 months, 3 weeks ago

I think the answer is "Yes" since "You need to grant all organizational users read access to a dashboard and several reports." and if grant all users access to everything they get access to the mentioned dashboard and several reports. Yes, sure, they get access to more things but there is no mention in the text that they have to be prevented from accessing anything.

upvoted 8 times

  **bankijey** 9 months, 2 weeks ago

A dashboard and several reports != all dashboards and all reports

upvoted 4 times

  **DeathCaliberKnight** 10 months, 1 week ago

the answer is yes , cause they clearly didnt specify how many dashboards and reports you'll give access to , so basically they meant would that meet the goal (several reports and A dashboard) which is absolutely yesss

upvoted 4 times

  **SIGNOR_CHARLES** 8 months, 1 week ago

it is specified in the question

upvoted 1 times

  **JESUSBB** 1 year ago

B is the correct answer.

upvoted 3 times

  **PurpleGoldFish** 1 year ago

What is the correct answer?

upvoted 3 times

You are building a Power BI report to analyze customer segments.

You need to identify customer segments dynamically based on the Bounce Rate across dimensions such as source, geography, and demographics. The solution must minimize analysis effort.

Which type of visualization should you use?

- A. funnel chart
- B. key influencers
- C. Q&A
- D. decomposition tree

Correct Answer: B

The key influencers visual is a great choice if you want to:

See which factors affect the metric being analyzed.

Contrast the relative importance of these factors. For example, do short-term contracts affect churn more than long-term contracts?

Note: The key influencers visual helps you understand the factors that drive a metric you're interested in. It analyzes your data, ranks the factors that matter, and displays them as key influencers. For example, suppose you want to figure out what influences employee turnover, which is also known as churn. One factor might be employment contract length, and another factor might be commute time.

Incorrect Answers:

A: A funnel chart helps you visualize a linear process that has sequential connected stages. For example, a sales funnel that tracks customers through stages:

Lead > Qualified Lead > Prospect > Contract > Close. At a glance, the shape of the funnel conveys the health of the process you're tracking.

C: Use Q&A to explore your data using intuitive, natural language capabilities and receive answers in the form of charts and graphs. Q&A is different from a search engine -- Q&A only provides results about the data in Power BI.

D: The decomposition tree visual in Power BI lets you visualize data across multiple dimensions. It automatically aggregates data and enables drilling down into your dimensions in any order. It is also an artificial intelligence (AI) visualization, so you can ask it to find the next dimension to drill down into based on certain criteria. This makes it a valuable tool for ad hoc exploration and conducting root cause analysis.

Reference:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-influencers>

Community vote distribution

D (100%)

TL0287 Highly Voted 5 months, 1 week ago

Shouldn't it be D as decomposition tree allows you to analyze the bounce rate and have it explained by different dimensions?

upvoted 30 times

mnnopen Most Recent 2 days, 7 hours ago

Selected Answer: D

The decomposition tree visual in Power BI lets you visualize data across multiple dimensions

upvoted 1 times

mnnopen 2 days, 7 hours ago

The decomposition tree visual in Power BI lets you visualize data across multiple dimensions

upvoted 1 times

James_8341 1 week, 6 days ago

key influencer does the job well and it minimize the analysis effort.

Analyze : Variable "Bounce Rate"

Explain by: all dimentions

Tested.

upvoted 2 times

sowjs135 2 months, 1 week ago

D

Analyze : Variable "Bounce Rate"

2nd level of dimension : " Customer segments" There should be a few of them

3rd level of dimension " Source" "Geogrphy and "Demographics"

Key influences is not able to drill into the 3 levels of dimensions

I choose decomposition tree

upvoted 4 times

WW219 2 months, 3 weeks ago

At first I thought it was D, but at second thought, the KI is better at meeting the requirement of "minimise effort".
so i would go for KI
upvoted 1 times

🗨️ **PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 1 times

🗨️ **NicJac** 3 months, 2 weeks ago
I think because of the word 'rate' it's expecting the likelihood that the Key Influencers visual provides but I've changed my mind a lot on this question.
upvoted 3 times

🗨️ **SaeedJei** 4 months, 3 weeks ago
what does the bounce rate mean here?
upvoted 1 times

🗨️ **Accelerator123** 4 months, 2 weeks ago
Bounce rate is an Internet marketing term used in web traffic analysis. It represents the percentage of visitors who enter the site and then leave rather than continuing to view other pages within the same site
upvoted 4 times

🗨️ **kcwood94** 4 months, 3 weeks ago
On exam 10/14/21
upvoted 2 times

🗨️ **aminechebil** 5 months ago
The answer is D, Question Solved By Power BI Community : <https://community.powerbi.com/t5/Desktop/Question/td-p/1381514>
upvoted 4 times

🗨️ **Charlie2385** 4 months, 1 week ago
But it also receive other answer stating that should be key influencers
upvoted 1 times

🗨️ **SliqueCia** 5 months ago
The answer is clearly D.
upvoted 2 times

🗨️ **woody79** 5 months ago
Key Influencers is correct. There is a need to minimize analysis work, and look at the segments dynamically, which the KI does quite well. Decomposition tree mostly breaks down the data between different segments and is overall more limited in its analysis.
upvoted 4 times

Topic 6 - Testlet 1

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Overview -

Litware, Inc. is an online retailer that uses Microsoft Power BI dashboards and reports.

The company plans to leverage data from Microsoft SQL Server databases, Microsoft Excel files, text files, and several other data sources.

Litware uses Azure Active Directory (Azure AD) to authenticate users.

Existing Environment -

Sales Data -

Litware has online sales data that has the SQL schema shown in the following table.



In the Date table, the date_id column has a format of yyyyymmdd and the month column has a format of yyyy-mm.

The week column in the Date table and the week_id column in the Weekly>Returns table have a format of yyyyww.

The sales_id column in the Sales table represents a unique transaction.

The region_id column can be managed by only one sales manager.

Data Concerns -

You are concerned with the quality and completeness of the sales data. You plan to verify the sales data for negative sales amounts.

Reporting Requirements -

Litware identifies the following technical requirements:

Executives require a visual that shows sales by region.

Regional managers require a visual to analyze weekly sales and returns.

Sales managers must be able to see the sales data of their respective region only.

The sales managers require a visual to analyze sales performance versus sales targets.

The sales department requires reports that contain the number of sales transactions.

Users must be able to see the month in reports as shown in the following example: Feb 2020.

The customer service department requires a visual that can be filtered by both sales month and ship month independently.

Question

You need to create a calculated column to display the month based on the reporting requirements.

Which DAX expression should you use?

- A. `FORMAT('Date'[date], "MMM YYYY")`
- B. `FORMAT('Date' [date], "M YY")`
- C. `FORMAT('Date'[date_id], "MMM") & "" & FORMAT('Date'[year], "#")`
- D. `FORMAT('Date' [date_id], "MMM YYYY")`

Correct Answer: A

Scenario: In the Date table, the date_id column has a format of yyyyymmdd. Users must be able to see the month in reports as shown in the following example:

Feb 2020.

Incorrect Answers:

B: The output format should be "MMM YYYY" not "M YY"

C, D: The data_id is an integer and not a Date datatype.

Reference:

<https://docs.microsoft.com/en-us/dax/format-function-dax>

<https://dax.guide/format/>

Community vote distribution

A (100%)

 **bbboss** Highly Voted 5 months, 1 week ago

There is no [date] column, but only a date_id column in the date format. So I think it should be D.
upvoted 25 times

 **mirzotti** 2 months, 2 weeks ago

The result from FORMAT function can only be returned if there is a [date] column. It will not work with [date_id]
upvoted 1 times

 **lhueghian** 4 months, 3 weeks ago

There's a [Date] Column datatype date.- The picture is not show here but you will see it in the next questions, so given answer is correct (A)
upvoted 9 times

 **IvyS** 5 months ago

Yes agree!
I have double checked that there is no Date column thus the only way is to format the date_id column. Selected new column and use Dax
Format(date_id, "MMM YYYY") you can get the format like Sep 2021
upvoted 3 times

 **IvyS** 5 months ago

unless the question is incomplete such as we can see the date column is actually displayed in the table, and the date_id is a integer rather than date format.
upvoted 1 times

 **woody79** Highly Voted 5 months ago

There is actually a date column. This is not rendering correctly here but in other sites it is. Date date type is needed else format function won't be able to know how to make sense of "mmyyyy". And i checked in power bi desktop also. You get error with integer type having mmddyyyy format. Therefore answer is A.
upvoted 14 times

 **teeman001** Most Recent 1 month, 1 week ago

Selected Answer: A

A is correct, check next question under same senario for table with date column
upvoted 1 times

 **lakaygm** 2 months ago

It's A, I have tested in PBI Desktop
upvoted 3 times

 **Shan** 2 months ago

In exam 30/12/21
upvoted 1 times

 **Siva2104** 2 months, 1 week ago

Answer D:
As per the description there is not Date colument to format (there is table name called DATE)
upvoted 1 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021
upvoted 1 times

 **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.
my answer:
FORMAT('Date'[date], "MMM YYYY")
upvoted 4 times



 **sna4** 4 months, 1 week ago

Image files of tables in the case-study don't display. Admins, pls fix this.
upvoted 7 times

 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21
upvoted 2 times

 **lhueghian** 4 months, 2 weeks ago

Same and I said A

upvoted 3 times

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Question

You need to review the data for which there are concerns before creating the data model.

What should you do in Power Query Editor?

- A. Transform the sales_amount column to replace negative values with 0.
- B. Select Column distribution.
- C. Select the sales_amount column and apply a number filter.
- D. Select Column profile, and then select the sales_amount column.

Correct Answer: D

Scenario: Data Concerns -

You are concerned with the quality and completeness of the sales data. You plan to verify the sales data for negative sales amounts.

The Column profile feature provides a more in-depth look at the data in a column. It contains a column statistics chart that displays Count, Error, Empty, Distinct, Unique, Empty String, Min, & Max of the selected column.

Reference:

<https://docs.microsoft.com/en-us/power-query/data-profiling-tools> <https://powerbidocs.com/2021/03/02/column-quality-column-distribution-column-profile/>

  **DubC** Highly Voted 5 months ago

Answer is correct
upvoted 17 times

  **Merinder** Highly Voted 3 months, 3 weeks ago

Should be C.
The task is to "...verify the sales data for negative sales amounts". In D you don't see any sales data except the sales amounts, so you can't verify sales data.
upvoted 6 times

  **xabieul** 3 weeks, 5 days ago

I agree. If we only used column profile, we would be sure that there are any negative sales amounts, but we don't want to do that. We want to verify each negative row, so I agree that 'C' is a better answer
upvoted 1 times

  **Avinash75** Most Recent 2 months ago

In my view the Answer is correct . Column Profile gives you the required detail info to identify immediately if there ae negative values and the visual for value distribution . Moreover, you could right click on the visual bar for a respective value to filter and further visualize and also replace values to adjust the sales value .
Column profile provides a streamlined way to target individual negative sales value and action on them, rather than applying a generic filter for less than 0 and go through all the rows .
upvoted 2 times

  **Shan** 2 months ago

In exam 30/12/21
upvoted 2 times

  **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021
upvoted 1 times

  **giant_42323** 3 months, 1 week ago

I think it should be D, we can check the negative values by looking at min value or the distribution of values
upvoted 3 times

  **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.
my answer:
Select Column profile, and then select the sales_amount column.
upvoted 2 times

  **AlekseyOakman** 4 months, 1 week ago

I think the answer is C. I will apply a filter on values less than zero and see all the problematic rows. If I use Column profile and select sales_amount column, I won't see correct result because Column profile will display statistics of the first 1000 rows.
upvoted 3 times

  **ingie** 3 months, 3 weeks ago

you can set it to show more than 1000 at the bottom
upvoted 1 times

  **provi** 4 months, 2 weeks ago

If I have some negative sales I usually want to check other attributes to see for example if they are Financial adjustments, discounts or whatever. I would simply filter and take a look at the rows. So I believe that the answer is wrong
upvoted 2 times

  **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21
upvoted 4 times

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Overview -

Contoso, Ltd. is a manufacturing company that produces outdoor equipment. Contoso has quarterly board meetings for which financial analysts manually prepare

Microsoft Excel reports, including profit and loss statements for each of the company's four business units, a company balance sheet, and net income projections for the next quarter.

Existing Environment -

Data and Sources -

Data for the reports comes from three sources. Detailed revenue, cost, and expense data comes from an Azure SQL database. Summary balance sheet data comes from Microsoft Dynamics 365 Business Central. The balance sheet data is not related to the profit and loss results, other than they both relate to dates.

Monthly revenue and expense projections for the next quarter come from a Microsoft SharePoint Online list. Quarterly projections relate to the profit and loss results by using the following shared dimensions: date, business unit, department, and product category.

Net Income Projection Data -

Net income projection data is stored in a SharePoint Online list named Projections in the format shown in the following table.

MonthStartDate	Projection type	ProductCategory	Department	Projection
1-Apr-20	Revenue	Bikes	N/A	200,000
1-Apr-20	Revenue	Components	N/A	250,000
1-Apr-20	Revenue	Clothing	N/A	300,000
1-Apr-20	Revenue	Accessories	N/A	150,000
1-May-20	Revenue	Bikes	N/A	200,000
1-May-20	Revenue	Components	N/A	250,000
1-Apr-20	Expense	Bikes	Bike Manufacture	50,000
1-Apr-20	Expense	Bikes	Bike Sales	3,333

Revenue projections are set at the monthly level and summed to show projections for the quarter.

Balance Sheet Data -

The balance sheet data is imported with final balances for each account per month in the format shown in the following table.

AccountCategory	Account	Month	Year	BalanceAmount
Current assets	Cash and cash equivalents	3	2020	20,289
Current assets	Inventories	3	2020	4,855
Long-term liabilities	Long-term debt	3	2020	50,207
Current assets	Cash and cash equivalents	2	2020	28,209
Current assets	Inventories	2	2020	5,845
Long-term liabilities	Long-term debt	2	2020	49,887
Current assets	Cash and cash equivalents	1	2020	25,567
Current assets	Inventories	1	2020	65,998
Long-term liabilities	Long-term debt	1	2020	46,124

There is always a row for each account for each month in the balance sheet data.

Dynamics 365 Business Central Data

Business Central contains a product catalog that shows how products roll up to product categories, which roll up to business units.

Revenue data is provided at the date and product level. Expense data is provided at the date and department level.

Business Issues -

Historically, it has taken two analysts a week to prepare the reports for the quarterly board meetings. Also, there is usually at least one issue each quarter where a value in a report is wrong because of a bad cell reference in an Excel formula. On occasion, there are conflicting results in the reports because the products and departments that roll up to each business unit are not defined consistently.

Requirements -

Planned Changes -

Contoso plans to automate and standardize the quarterly reporting process by using Microsoft Power BI. The company wants to how long it takes to populate reports to less than two days. The company wants to create common logic for business units, products, and departments to be used across all reports, including, but not limited, to the quarterly reporting for the board.

Technical Requirements -

Contoso wants the reports and datasets refreshed with minimal manual effort.

The company wants to provide a single package of reports to the board that contains custom navigation and links to supplementary information.

Maintenance, including manually updating data and access, must be minimized as much as possible.

Security Requirements -

The reports must be made available to the board from powerbi.com. An Azure Active Directory group will be used to share information with the board.

The analysts responsible for each business unit must see all the data the board sees, except the profit and loss data, which must be restricted to only their business unit's data. The analysts must be able to build new reports from the dataset that contains the profit and loss data, but any reports that the analysts build must not be included in the quarterly reports for the board. The analysts must not be able to share the quarterly reports with anyone.

Report Requirements -

You plan to relate the balance sheet to a standard date table in Power BI in a many-to-one relationship based on the last day of the month. At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.

Projections must contain a column named RevenueProjection that contains the revenue projection amounts. A relationship must be created from Projections to a table named Date that contains the columns shown in the following table.

Name	Data type	Example
Date	Date	4-Apr-2020
Month	Integer	20,2004
Month Name	Text	February
Quarter	Integer	20,202
Year	Integer	2,020

The definitions and attributes of products, departments, and business units must be consistent across all reports.

The board must be able to get the following information from the quarterly reports:

Revenue trends over time

Ending balances for each account

A comparison of expenses versus projections by quarter

Changes in long-term liabilities from the previous quarter

A comparison of quarterly revenue versus the same quarter during the prior year

Question

HOTSPOT -

How should you distribute the reports to the board? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Grant access by: ▼

- Sharing individual reports
- Using a workspace membership
- Using an app

Grant access to: ▼

- A dynamic distribution list
- A mail-enabled Azure-Active Directory group
- Individual user emails

Answer Area

Grant access by: ▼

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Grant access to: ▼

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Box 1: Using an app -
Scenario:
The company wants to provide a single package of reports to the board that contains custom navigation and links to supplementary information.

Box 2: A mail-enabled Azure-Active Directory group

Scenario: Security Requirements -
The reports must be made available to the board from powerbi.com. A mail-enabled Azure-Active Directory (security)group will be used to share information with the board.

Reference:
<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls#using-rls-with-workspaces-in-power-bi>

noorul99 Highly Voted 6 months ago
pretty sure the given answer, Using an app and mail-enabled security group is correct
upvoted 21 times

Merinder Highly Voted 3 months, 3 weeks ago
Hint to save time: Read the questions first, then look in the appropriate section.
upvoted 18 times

nowwin Most Recent 5 months, 1 week ago
question in exam on 18th September
upvoted 2 times

lhueghian 4 months, 2 weeks ago
Same 16/10
upvoted 1 times

nowwin 5 months, 1 week ago
question in exam on 18th September
upvoted 1 times

glorup 6 months ago
Shouldn't it be B + B?
upvoted 2 times

lhueghian 5 months, 2 weeks ago
Thought about this too
upvoted 1 times

lhueghian 4 months, 3 weeks ago

But given answer is correct
upvoted 1 times

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Question

HOTSPOT -

You need to grant access to the business unit analysts.

What should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Permissions required in powerbi.com:

- Access permissions to an app
- The Member role to the workspace
- The Viewer role to the workspace

Permissions for the profit and loss dataset:

- Build
- Delete
- Reshare

Answer Area

Correct Answer:

Permissions required in powerbi.com:

- Access permissions to an app
- The Member role to the workspace
- The Viewer role to the workspace

Permissions for the profit and loss dataset:

- Build
- Delete
- Reshare

Box 1: The Viewer role to the workspace

The Viewer role gives a read-only experience to its users. They can view dashboards, reports, or workbooks in the workspace, but can't browse the datasets or dataflows. Use the Viewer role wherever you would previously use a classic workspace set to Members can only view Power BI content.

Capability	Admin	Member	Contributor	Viewer
Update and delete the workspace.	X			
Add/remove people, including other admins.	X			
Add members or others with lower permissions.	X	X		
Publish and update an app.	X	X		
Share an item or share an app.	X	X		
Allow others to reshare items.	X	X		
Create, edit, and delete content in the workspace.	X	X	X	
Publish reports to the workspace, delete content.	X	X	X	
View an item.	X	X	X	X
Create a report in another workspace based on a dataset in this workspace.	X	X	X	X ¹
Copy a report.	X	X	X	X ¹

Box 2: Build -

The analysts must be able to build new reports from the dataset that contains the profit and loss data.

Scenario: The reports must be made available to the board from powerbi.com.

The analysts responsible for each business unit must see all the data the board sees, except the profit and loss data, which must be restricted to only their business unit's data. The analysts must be able to build new reports from the dataset that contains the profit and loss data, but any reports that the analysts build must not be included in the quarterly reports for the board. The analysts must not be able to share the quarterly reports with anyone.

Reference:

<https://www.nickyv.com/2019/08/the-new-power-bi-workspace-viewer-role-explained.html>

 **VM_GCP** Highly Voted 11 months, 3 weeks ago

"The analysts must be able to build new reports from the dataset that contains the profit and loss data, but any reports that the analysts build must not be included in the quarterly reports for the board" :

The Viewer role with Build Permission in the PowerBI, allows to export the data and build reports around it. The analyst report should not be included in the quarterly report, so its better to create the report in its own workspace

Check second last point here:

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-new-workspaces#features-that-work-differently>

The analysts must not be able to share the quarterly reports with anyone:

If the role is Members, the analyst can share the quarterly reports with anyone. This point makes it clear that analyst should not be given Members role

Hence, the answer should be Viewer Role and Build permission


upvoted 55 times

 **phits** Highly Voted 11 months, 1 week ago

Based on the latest updated permissions here: <https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-new-workspaces>

Viewer can no longer create report based on current dataset in the workspace. Only Contributor or Member would be able to do so. Therefore, watch out for the update in this question.

upvoted 35 times

 **mirzotti** 2 months, 2 weeks ago

At first I thought the answer was correct but you seem to be right... Viewer rol can:

* View and interact with an item;

* Read data stored in workspace dataflows.


So, I it should be Member to my opion.

upvoted 1 times

 **mirzotti** 2 months, 2 weeks ago

Correction, I mean Contributor

upvoted 1 times

 **MonBouj** 8 months, 2 weeks ago

Our goal : the group can create but cannot share

1- If the role is Member => Users can share reports so that should be avoided

2- With Build permission => Users can create reports (<https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-build-permissions>)

So the answer for sure is : Viewer + Build

upvoted 11 times

 **D24G** 9 months, 2 weeks ago

So, after the update, Member and builder? but what about the re-share aspect...

upvoted 1 times

 **jakup123** 9 months, 3 weeks ago

To copy a report, and to create a report in another workspace based on a dataset in this workspace, you need Build permission for the dataset. For datasets in this workspace, the people with Admin, Member, and Contributor roles automatically have Build permission through their workspace role.

so the answer is "Viewer role"

upvoted 6 times

 **Hazemnz** Most Recent 2 days, 8 hours ago

The correct answer should be: Access permission to app + Build

You can choose the following as you are creating and assigning apps From the "Permissions" section:

1-) You can provide access to the app to the entire organization, group, or individual (in our case, the app can be assigned with either individual analyst or group of analysts).

2-) Also down in the options, you can choose to:

A-) Allow users to connect to the app's underlying datasets using the build permission

B-) Allow users to make a copy of the reports in the app

upvoted 1 times

 **James_8341** 1 week, 6 days ago

Viewer + build, cuz RLS only applied to viewer role.

upvoted 2 times

 **xabieul** 3 weeks, 4 days ago

Even in the new Power BI roles, the dataset owner can assign build permissions to specific users, so I think that there is no problem to assign it to VIEWER roles.

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-build-permissions>

But I don't like the viewer role option because the description says:

"The analysts responsible for each business unit must see all the data the board sees, except the profit and loss data, which must be restricted to only their business unit's data"

If we assigned a viewer role with build permissions, they would see all the data, including the profit and loss, and they should be restricted to see that information. For this reason I think that it is better to share an app with build permissions.

upvoted 2 times

- 🗨️ **Meyti** 2 months ago
based on this source (workspace roles), viewer role can't create a report, thereby "Member" and "Built" are correct.
upvoted 1 times
- 🗨️ **Meyti** 2 months ago
<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-roles-new-workspaces#workspace-roles>
upvoted 1 times
- 🗨️ **PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 1 times
- 🗨️ **Merinder** 3 months, 3 weeks ago
Viewer role, Build permission.
"Allow users to export data: Even users with the Viewer role in the new workspace can export data if they have Build permission on the datasets in that workspace."
<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-new-workspaces>
upvoted 2 times
- 🗨️ **aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
my answers:
The Viewer role
Build
upvoted 4 times
- 🗨️ **Ihueghian** 4 months, 2 weeks ago
This came in my Exam today 16/10 and i said Viewer +build permission and is correct
upvoted 5 times
- 🗨️ **NargesRokni** 4 months, 3 weeks ago
I doubt if the right answer would be Viewer! recently the permission of Viewers has been limited more, they cannot create a report any longer. in addition look at this link:


Power BI provides the Build permission as a complement to the existing permissions, Read and Reshare. All users who already had Read permission for datasets via app permissions, sharing, or workspace access at that time also got Build permission for those same datasets

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-build-permissions#:~:text=Power%20BI%20provides%20the%20Build,permission%20for%20those%20same%20datasets.>
upvoted 1 times
- 🗨️ **kcwood94** 4 months, 3 weeks ago
On exam 10/14/21
upvoted 2 times
- 🗨️ **nowwin** 5 months, 1 week ago
question in exam on 18th September
upvoted 1 times
- 🗨️ **nowwin** 5 months, 1 week ago
question in exam on 18th September
upvoted 1 times
- 🗨️ **Nadiaa** 6 months ago
the correct answer is the member role to the workspace or the viewer role to the viewer role to the workspace ?
upvoted 1 times
- 🗨️ **elly** 8 months ago
Answer is correct.
Agree with VM_GCP.
upvoted 2 times
- 🗨️ **Canary_2021** 8 months, 2 weeks ago
Answer should be B, A

Question 1:
<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-new-workspaces>
Viewer don't have permission to Create a report in another workspace based on a dataset in this workspace.
upvoted 2 times
- 🗨️ **Canary_2021** 8 months, 2 weeks ago
When I update APP Permission, I see this selection:
Allow everyone who has app access to
Allow all users to connect to the app's underlying datasets using the Build permission.

If user A is a viewer to workspace 'Sample', this selection is checked when adding user A to the APP. User A can use underline dataset to build other reports in new workspace?

If yes, the answer of the fist question should be C. Can someone help identify it?
upvoted 2 times

 **Canary_2021** 8 months, 2 weeks ago

You can only decide which user can have access to App. The role of the user (Admin, member, contributor, or viewer) has to be assign in workspace level.

upvoted 1 times

Topic 8 - Testlet 2

Introductory Info

Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other question on this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study -

To display the first question on this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Overview -

Contoso, Ltd. is a manufacturing company that produces outdoor equipment. Contoso has quarterly board meetings for which financial analysts manually prepare

Microsoft Excel reports, including profit and loss statements for each of the company's four business units, a company balance sheet, and net income projections for the next quarter.

Existing Environment -

Data and Sources -

Data for the reports comes from three sources. Detailed revenue, cost, and expense data comes from an Azure SQL database. Summary balance sheet data comes from Microsoft Dynamics 365 Business Central. The balance sheet data is not related to the profit and loss results, other than they both relate to dates.

Monthly revenue and expense projections for the next quarter come from a Microsoft SharePoint Online list. Quarterly projections relate to the profit and loss results by using the following shared dimensions: date, business unit, department, and product category.

Net Income Projection Data -

Net income projection data is stored in a SharePoint Online list named Projections in the format shown in the following table.

MonthStartDate	Projection type	ProductCategory	Department	Projection
1-Apr-20	Revenue	Bikes	N/A	200,000
1-Apr-20	Revenue	Components	N/A	250,000
1-Apr-20	Revenue	Clothing	N/A	300,000
1-Apr-20	Revenue	Accessories	N/A	150,000
1-May-20	Revenue	Bikes	N/A	200,000
1-May-20	Revenue	Components	N/A	250,000
1-Apr-20	Expense	Bikes	Bike Manufacture	50,000
1-Apr-20	Expense	Bikes	Bike Sales	3,333

Revenue projections are set at the monthly level and summed to show projections for the quarter.

Balance Sheet Data -

The balance sheet data is imported with final balances for each account per month in the format shown in the following table.

AccountCategory	Account	Month	Year	BalanceAmount
Current assets	Cash and cash equivalents	3	2020	20,289
Current assets	Inventories	3	2020	4,855
Long-term liabilities	Long-term debt	3	2020	50,207
Current assets	Cash and cash equivalents	2	2020	28,209
Current assets	Inventories	2	2020	5,845
Long-term liabilities	Long-term debt	2	2020	49,887
Current assets	Cash and cash equivalents	1	2020	25,567
Current assets	Inventories	1	2020	65,998
Long-term liabilities	Long-term debt	1	2020	46,124

There is always a row for each account for each month in the balance sheet data.

Dynamics 365 Business Central Data

Business Central contains a product catalog that shows how products roll up to product categories, which roll up to business units.

Revenue data is provided at the date and product level. Expense data is provided at the date and department level.

Business Issues -

Historically, it has taken two analysts a week to prepare the reports for the quarterly board meetings. Also, there is usually at least one issue each quarter where a value in a report is wrong because of a bad cell reference in an Excel formula. On occasion, there are conflicting results in the reports because the products and departments that roll up to each business unit are not defined consistently.

Requirements -

Planned Changes -

Contoso plans to automate and standardize the quarterly reporting process by using Microsoft Power BI. The company wants to how long it takes to populate reports to less than two days. The company wants to create common logic for business units, products, and departments to be used across all reports, including, but not limited, to the quarterly reporting for the board.

Technical Requirements -

Contoso wants the reports and datasets refreshed with minimal manual effort.

The company wants to provide a single package of reports to the board that contains custom navigation and links to supplementary information.

Maintenance, including manually updating data and access, must be minimized as much as possible.

Security Requirements -

The reports must be made available to the board from powerbi.com. An Azure Active Directory group will be used to share information with the board.

The analysts responsible for each business unit must see all the data the board sees, except the profit and loss data, which must be restricted to only their business unit's data. The analysts must be able to build new reports from the dataset that contains the profit and loss data, but any reports that the analysts build must not be included in the quarterly reports for the board. The analysts must not be able to share the quarterly reports with anyone.

Report Requirements -

You plan to relate the balance sheet to a standard date table in Power BI in a many-to-one relationship based on the last day of the month. At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.

Projections must contain a column named RevenueProjection that contains the revenue projection amounts. A relationship must be created from Projections to a table named Date that contains the columns shown in the following table.

Name	Data type	Example
Date	Date	4-Apr-2020
Month	Integer	20,2004
Month Name	Text	February
Quarter	Integer	20,202
Year	Integer	2,020

The definitions and attributes of products, departments, and business units must be consistent across all reports.

The board must be able to get the following information from the quarterly reports:

Revenue trends over time

Ending balances for each account

A comparison of expenses versus projections by quarter

Changes in long-term liabilities from the previous quarter

A comparison of quarterly revenue versus the same quarter during the prior year

Question

What is the minimum number of Power BI datasets needed to support the reports?

- A. two imported datasets
- B. a single DirectQuery dataset
- C. two DirectQuery datasets
- D. a single imported dataset

Correct Answer: A

Scenario: Data and Sources -

Data for the reports comes from three sources. Detailed revenue, cost, and expense data comes from an Azure SQL database. Summary

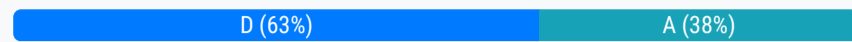
balance sheet data comes from Microsoft Dynamics 365 Business Central. The balance sheet data is not related to the profit and loss results, other than they both relate to dates.

Monthly revenue and expense projections for the next quarter come from a Microsoft SharePoint Online list. Quarterly projections relate to the profit and loss results by using the following shared dimensions: date, business unit, department, and product category.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-understand>

Community vote distribution



GIO200011 Highly Voted 1 year, 4 months ago

The dataset is not only one? If you use multiple data source and import all the tables, at the end when publish to Service is packed in one dataset, isn't it?

upvoted 40 times

NargesRokni 4 months, 3 weeks ago

I think you're right,

look at here: <https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-understand>

Except for streaming datasets, the dataset represents a data model

upvoted 1 times

amadeus21 10 months ago

No, 1 dataset = 1 data source.

source:

<https://docs.microsoft.com/en-us/power-bi/fundamentals/service-basic-concepts#:~:text=now%20introduce%20datasets.,Datasets,it%20together%20in%20one%20place.&text=Datasets%20are%20associated%20with%20workspaces,be%20part%20of%20many%20workspaces.>

Datasets are associated with workspaces and a single dataset can be part of many workspaces. When you open a workspace, the associated datasets are listed under the Datasets tab. Each listed dataset represents a single source of data, for example, an Excel workbook on OneDrive, or an on-premises SSAS tabular dataset, or a Salesforce dataset.

upvoted 2 times

xabieul 3 weeks, 4 days ago

That's not true. As we can read in the same webpage from Microsoft that you shared:

"the dataset may contain data that comes from one or more sources"

upvoted 2 times

WW219 2 months, 2 weeks ago

"A dataset is a collection of data that you import or connect to."

<https://docs.microsoft.com/en-us/power-bi/fundamentals/service-basic-concepts>

upvoted 1 times

NargesRokni 4 months, 3 weeks ago

I'm not agree. look at here: <https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-understand>

Except for streaming datasets, the dataset represents a data model

upvoted 3 times

Lhouss 1 year, 2 months ago

Agree with you. in addition the question is about the minimum.

upvoted 5 times

NargesRokni 4 months, 3 weeks ago

Each listed dataset is a source of data available for one or more reports, and the dataset may contain data that comes from one or more sources.

upvoted 1 times

venmaniram Highly Voted 1 year, 4 months ago

With direct query mode, because data is not loaded into a secondary storage, you can only connect to one single data source. If you are connected to a SQL Server database, then you cannot bring another query from another SQL Server database or any other data sources. Hence Answer is A. two imported datasets

upvoted 29 times

rob51i03 1 year, 2 months ago

This answer is contradictory. It states the answer is A (two imported datasets) but then gives reasons based on DirectQuery limitations, which are only relevant to answer C.

upvoted 5 times

LeSharo 1 year, 1 month ago

No it is not contradictory. It explains it is answer A (two imported datasets), and also explains why it is not answer C (two DirectQuery datasets).

upvoted 7 times

Hazemnz Most Recent 2 days, 7 hours ago

Selected Answer: D

A single imported dataset for the following sources (as I think they will be added as data sources for this single dataset):

- 1-) Azure SQL database
- 2-) Microsoft Dynamics 365 Business Central
- 3-) Microsoft SharePoint Online list

upvoted 1 times

  **123CCM** 4 days, 7 hours ago


To accomplish the report's requirement, we just need one Power BI dataset, consisted of the 3 data sources (MS Dynamics 365, Microsoft SharePoint Online list, Azure SQL DB).
Correct answer is D.

upvoted 1 times

  **Shan** 2 months ago

In exam 30/12/21

upvoted 1 times

  **WW219** 2 months, 2 weeks ago

Selected Answer: D

SharePoint and Dynamics 365 Business Central don't support Direct query, SO not B nor C.

And if we choose import mode, "an Import model can integrate data from any number of supported data source types" (<https://docs.microsoft.com/en-us/power-bi/connect-data/service-dataset-modes-understand>).

So answer is D.

upvoted 4 times

  **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021


upvoted 1 times

  **medsimus** 3 months ago

Selected Answer: A

I think

upvoted 3 times

  **Sandrea** 3 months, 1 week ago

D:

- You can insert all the data sources in one dataset.
- You can't use SharePoint with direct query.

Planned Changes

- The company wants to create common logic for business units, products, and departments to be used across all reports, including, but not limited, to the quarterly reporting for the board. Best solution: Only one dataset.

Technical Requirements

- Contoso wants the reports and datasets refreshed with minimal manual effort. Best solution: Only one dataset.
- The company wants to provide a single package of reports to the board that contains custom navigation and links to supplementary information. Best solution: Only one dataset.
- Maintenance, including manually updating data and access, must be minimized as much as possible. Best solution: Only one dataset.

Data and Sources


- Monthly revenue and expense projections for the next quarter come from a Microsoft SharePoint Online list: Best solution: Imported (Direct Query on a SharePoint list is not possible)

upvoted 2 times

  **lavl_01** 3 months, 2 weeks ago

Hello, i believe the question here is how many tables can we place in one model? is it all of the tables? in which case we will have one model and one dataset. If we cannot link all of the tables between them in one datamodel, then we need to create another dataset. The question says that 2 tables are unrelated except for the date. So, can these 2 tables be connected via the date column? if yes, then we would need only one dataset.

upvoted 1 times

  **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answer:



a single imported dataset

upvoted 2 times

  **YTYTYTYTYT** 1 month, 2 weeks ago

yu passed the exam?

upvoted 1 times

  **theezin** 3 months, 2 weeks ago

You passed the exam?

upvoted 2 times

  **Thong** 4 months, 2 weeks ago

Summary of sources:

- 1/ Detailed revenue, cost, and expense data - Azure SQL database
- 2/ Balance sheet data - Microsoft Dynamics 365 Business Central
- 3/ Monthly revenue and expense projections - Microsoft SharePoint Online list

Summary of report requirements: Balance Sheet & Revenue Projections

Thus, at least we need 2/ and 3/ => 2 Imported Datasets => A is correct

upvoted 8 times

  **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 1 times



  **woody79** 5 months ago

Here is the clue that there are more than 1 datasets...

"The analysts must be able to build new reports from the dataset that contains the profit and loss data, "... (meaning not from the other dataset...).

Answer must be A.

upvoted 6 times

  **NicJac** 3 months, 2 weeks ago

I thought exactly the same but I believe Business Unit data can be restricted using RLS. Otherwise I'd agree it would be two datasets. Also, one dataset fulfills the requirement of creating one package of reports and dashboards for the board (one dataset, one workspace).

upvoted 2 times

  **IvyS** 5 months ago

Should be D, a single imported dataset.

I have four years experience of developing powerbi report. All of my reports that only connect to one dataset. But the dataset connect to multiple data sources such as SQL Server, Excel, MySql at the same time.

According to

<https://docs.microsoft.com/en-us/power-bi/fundamentals/service-basic-concepts#:~:text=now%20introduce%20datasets.-,Datasets,it%20together%20in%20one%20place.&text=Datasets%20are%20associated%20with%20workspaces,be%20part%20of%20many%20workspaces>.

Datasets are associated with workspaces and a single dataset can be part of many workspaces. When you open a workspace, the associated datasets are listed under the Datasets tab. Each listed dataset is a source of data available for one or more reports, and the dataset may contain data that comes from one or more sources. For example, an Excel workbook on OneDrive, or an on-premises SSAS tabular dataset, or a Salesforce dataset. There are many different data sources supported, and we're adding new ones all the time. See the list of dataset types that you can use with Power BI.

upvoted 13 times

  **Giuseppe24_10** 5 months, 2 weeks ago

The Correct Answer is 'a single imported dataset'.

1 dataset may contain data that comes from one or more sources!!!

upvoted 1 times

  **BilJon** 8 months, 1 week ago

It states that "an Import model can integrate data from any number of supported data source types" . In that case we can import from all three data sources into one dataset

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-dataset-modes-understand>

upvoted 4 times

Topic 9 - Testlet 3

Introductory Info

Case study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all question included on this exam in the time provided.

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At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study -

To display the first question on this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Overview. General Overview -

Northwind Traders is a specialty food import company.

The company recently implemented Power BI to better understand its top customers, products, and suppliers.

Overview. Business Issues -

The sales department relies on the IT department to generate reports in Microsoft SQL Server Reporting Services (SSRS). The IT department takes too long to generate the reports and often misunderstands the report requirements.

Existing Environment. Data Sources

Northwind Traders uses the data sources shown in the following table.

Name	Type	Data size
Source1	Azure SQL database	2 GB
Source2	Microsoft Excel spreadsheet	5 MB

Source2 is exported daily from a third-party system and stored in Microsoft SharePoint Online.

Existing Environment. Customer Worksheet

Source2 contains a single worksheet named Customer Details. The first 11 rows of the worksheet are shown in the following table.

CustomerID	CustomerCRMID	CompanyName	Address	City	Region	PostalCode	Country	Phone
1	ALFKI	Alfreds Futterkiste	Obere Str. 57	Berlin	DE	12209	Germany	030-0074321
2	ANATR	Ana Trujillo Emparedados y helados	Avda. de la Constitución 2222	México D.F.	MX	5021	Mexico	(5) 555-4729
3	ANTON	Antonio Moreno Taquería	Mataderos 2312	México D.F.	MX	5023	Mexico	(5) 555-3932
4	AROUT	Around the Horn	120 Hanover Sq.	London	UK	WA1 1DP	UK	(171) 555-7788
5	BERGS	Berglunds snabbköp	Berguvsvägen 8	Luleå	SWE	S-958 22	Sweden	0921-12 34 65
6	BLAUS	Blauer See Delikatessen	Forsterstr. 57	Mannheim	DE	68306	Germany	0621-08460
7	BLONP	Blondesdsi père et fils	24, place Kléber	Strasbourg	FRA	67000	France	88.60.15.31
8	BOLID	Bólido Comidas preparadas	C/ Araquil, 67	Madrid	SPN	28023	Spain	(91) 555 22 82
9	BONAP	Bon app'	12, rue des Bouchers	Marseille	FRA	13008	France	91.24.45.40
10	BOTTM	Bottom-Dollar Markets	23 Tsawassen Blvd.	Tsawassen	BC	T2F 8M4	Canada	(604) 555-4729

All the fields in Source2 are mandatory.

The Address column in Customer Details is the billing address, which can differ from the shipping address.

Existing Environment. Azure SQL Database

Source1 contains the following table:

Orders

Products

Suppliers

Categories

Order Details

Sales Employees

The Orders table contains the following columns.

Name	Is nullable	Data type	Example value	Key
OrderID	No	Int	10248	Primary key
CustomerID	Yes	NCHAR	VINET	Not applicable
OrderDate	Yes	Date	2021-01-04	Not applicable
RequiredDate	Yes	Date	2021-02-01	Not applicable
ShippedDate	Yes	Date	2021-01-16	Not applicable
Freight	Yes	Decimal	32.38	Not applicable
ShipName	Yes	NVARCHAR	Vins et alcools Chevalier	Not applicable
ShipAddress	Yes	NVARCHAR	59 rue de l'Abbaye	Not applicable
ShipCity	Yes	NVARCHAR	Reims	Not applicable
ShipRegion	Yes	NVARCHAR	FRA	Not applicable
ShipPostalCode	Yes	NVARCHAR	511000	Not applicable
ShipCountry	Yes	NVARCHAR	France	Not applicable

The Order Details table contains the following columns.

Name	Is nullable	Data type	Example value	Key
ProductID	No	Int	11	Primary key
ProductName	No	NVARCHAR	Queso Cabrales	Not applicable
SupplierID	Yes	Int	5	Foreign key to Suppliers
CategoryID	Yes	Int	4	Foreign key to Categories
QuantityPerUnit	Yes	NVARCHAR	1 kg pkg.	Not applicable
Discontinued	No	Bit	0	Not applicable

The address in the Orders table is the shipping address, which can differ from the billing address.

The Products table contains the following columns.

Name	Is nullable	Data type	Example value	Key
ProductID	No	Int	11	Primary key
ProductName	No	NVARCHAR	Queso Cabrales	Not applicable
SupplierID	Yes	Int	5	Foreign key to Suppliers
CategoryID	Yes	Int	4	Foreign key to Categories
QuantityPerUnit	Yes	NVARCHAR	1 kg pkg.	Not applicable
Discontinued	No	Bit	0	Not applicable

The Categories table contains the following columns.

Name	Is nullable	Data type	Example value	Key
CategoryID	No	int	4	Primary key
CategoryName	No	nvarchar	Dairy Products	Not applicable
Description	Yes	nvarchar	Cheeses	Not applicable

The Suppliers table contains the following columns.

Name	Is nullable	Data type	Example value	Key
SupplierID	No	Int	5	Primary key
CompanyName	No	NVARCHAR	Cooperativa de Quesos 'Las Cabras'	Not applicable
Address	Yes	NVARCHAR	Calle del Rosal 4	Not applicable
City	Yes	NVARCHAR	Oviedo	Not applicable
Region	Yes	NVARCHAR	Asturias	Not applicable
PostalCode	Yes	NVARCHAR	33007	Not applicable
Country	Yes	NVARCHAR	Spain	Not applicable
Phone	Yes	NVARCHAR	(98) 598 76 54	Not applicable

The Sales Employees table contains the following columns.

Name	Is nullable	Data type	Example value	Key
EmployeeID	No	Int	1	Primary key
LastName	No	NVARCHAR	Davolio	Not applicable
FirstName	No	NVARCHAR	Nancy	Not applicable
Title	Yes	NVARCHAR	Sales Representative	Not applicable
HireDate	Yes	Date	2015-02-01	Not applicable
Region	Yes	NVARCHAR	WA	Not applicable
Country	Yes	NVARCHAR	USA	Not applicable
EmailAddress	No	NVARCHAR	ndavolio@northwindtraders.com	Not applicable

Each employee in the Sales Employees table is assigned to one sales region. Multiple employees can be assigned to each region.

Requirements. Report Requirements

Northwind Traders requires the following reports:

Top Products

Top Customers

On-Time Shipping

The Top Customers report will show the top 20 customers based on the highest sales amounts in a selected order month or quarter, product category, and sales region.

The Top Products report will show the top 20 products based on the highest sales amounts sold in a selected order month or quarter, sales region, and product category. The report must also show which suppliers provide the top products.

The On-Time Shipping report will show the following metrics for a selected shipping month or quarter:

The percentage of orders that were shipped late by country and shipping region

Customers that had multiple late shipments during the last quarter

Northwind Traders defines late orders as those shipped after the required shipping date.

The warehouse shipping department must be notified if the percentage of late orders within the current month exceeds 5%.

The reports must show historical data for the current calendar year and the last three calendar years.

Requirements. Technical Requirements

Northwind Traders identifies the following technical requirements:

A single dataset must support all three reports.

The reports must be stored in a single Power BI workspace.

Report data must be current as of 7 AM Pacific Time each day.

The reports must provide fast response times when users interact with a visualization.

The data model must minimize the size of the dataset as much as possible, while meeting the report requirements and the technical requirements.

Requirements. Security Requirements

Access to the reports must be granted to Azure Active Directory (Azure AD) security groups only. An Azure AD security group exists for each department.

The sales department must be able to perform the following tasks in Power BI:

Create, edit, and delete content in the reports.

Manage permissions for workspaces, datasets, and report.

Publish, unpublish, update, and change the permissions for an app.

Assign Azure AD groups role-based access to the reports workspace.

Users in the sales department must be able to access only the data of the sales region to which they are assigned in the Sales Employees table.

Power BI has the following row-level security (RLS) Table filter DAX expression for the Sales Employees table.

[EmailAddress] = USERNAME()

RLS will be applied only to the sales department users. Users in all other departments must be able to view all the data.

Question

You need to design the data model to meet the report requirements.

What should you do in Power BI Desktop?

- From Power Query, use a DAX expression to add columns to the Orders table to calculate the calendar quarter of the OrderDate column, the calendar month of the OrderDate column, the calendar quarter of the ShippedDate column, and the calendar month of the ShippedDate column.
- From Power Query, add columns to the Orders table to calculate the calendar quarter and the calendar month of the OrderDate column.
- From Power BI Desktop, use the Auto date/time option when creating the reports.

D. From Power Query, add a date table. Create an active relationship to the OrderDate column in the Orders table and an inactive relationship to the ShippedDate column in the Orders table.

Correct Answer: B

Use Power Query to calculate calendar quarter and calendar month.

Scenario:

☞ A single dataset must support all three reports:

- The Top Customers report will show the top 20 customers based on the highest sales amounts in a selected order month or quarter, product category, and sales region.

- The Top Products report will show the top 20 products based on the highest sales amounts sold in a selected order month or quarter, sales region, and product category.

The data model must minimize the size of the dataset as much as possible, while meeting the report requirements and the technical requirements.

▪

🗨️ **HaliBrickclay** Highly Voted 5 months, 1 week ago

i think its D

upvoted 29 times

🗨️ **TL0287** 5 months, 1 week ago

agreed!

upvoted 2 times

🗨️ **Merinder** Highly Voted 3 months, 3 weeks ago

Should be D.

A - It's not possible to use DAX in Power Query. Power Query uses M language.

B - This would only provide calendar quarter and month fields for OrderDate only but not for ShippedDate.

C - This would create a hidden Date table for each Date field in the model. This contradicts "The data model must minimize the size of the dataset as much as possible".

D - Creates a single Date table that can be used for OrderDate and ShippedDate.

upvoted 10 times

🗨️ **rrrrrrrrrrrr** Most Recent 2 months ago

There is a mistake in the data model images. The same image is for the tables "Order Details" and "Products". Pretty sure the image is the Products table. So the "Order Details" table structure is missing.

upvoted 1 times

🗨️ **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

🗨️ **adbukavu** 2 months, 4 weeks ago

It cannot be D: userelationship is only when the shipdate is not to be used in combination with other date columns

upvoted 1 times

🗨️ **QueenJet** 3 months, 4 weeks ago

My first instinct is D, but there is no requirement for comparison of todays against Last Year, or last Quarter. This is where Date table is a requirement. Since the requirement is for selected shipping month or quarter, that can be built in Orders table. The Date table will add to the size of Power BI Dataset too. I go for B.

upvoted 3 times

🗨️ **snaa4** 4 months, 1 week ago

Why not "B"?

As per requirements: "The On-Time Shipping report will show the following metrics for a selected shipping month or quarter". How are you going to configure reports in case you follow "D"? In case of "D" you will have also to create "quarter" and "month" columns in the date table and resulting data model will be greater in size then if you follow answer "B".

upvoted 3 times

🗨️ **moishemg** 4 months, 2 weeks ago

Dice Clara y Serena que es la D!!!!

upvoted 2 times

🗨️ **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21 - I answered D

upvoted 2 times

🗨️ **IvyS** 5 months ago

The answer should be D.

A seperate date table can minimise the data size.

upvoted 3 times

🗨️ **lhueghian** 4 months, 3 weeks ago

Totally agree, in the date table you can create the quarter column.

upvoted 1 times

Topic 10 - Testlet 4

Introductory Info

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Overview -

Litware, Inc. is an online retailer that uses Microsoft Power BI dashboards and reports.

The company plans to leverage data from Microsoft SQL Server databases, Microsoft Excel files, text files, and several other data sources.

Litware uses Azure Active Directory (Azure AD) to authenticate users.

Existing Environment -

Sales Data -

Litware has online sales data that has the SQL schema shown in the following table.

Table name	Column name	Data type
Sales_Region	region_id	Integer
	name	Varchar
Region_Manager	region_id	Integer
	manager_id	Integer
Sales_Manager	sales_manager_id	Integer
	name	Varchar
	username	Varchar
Sales	sales_id	Integer
	sales_date_id	Integer
	sales_amount	Floating
	customer_id	Integer
	sales_ship_date_id	Integer
	region_id	Varchar
Customer_Date	customer_id	Integer
	first_name	Varchar
	last_name	Varchar
Date	date_id	Integer
	date	Date
	month	Integer
	week	Integer
	year	Integer
Weekly_Returns	week_id	Integer
	total_returns	Floating
	sales_region_id	Varchar
Targets	target_id	Integer
	sales_target	Decimal
	date_id	Integer
	region_id	Integer

In the Date table, the date_id column has a format of yyyyymmdd and the month column has a format of yyyyymm.

The week column in the Date table and the week_id column in the Weekly_Returns table have a format of yyyyww.

The sales_id column in the Sales table represents a unique transaction.

The region_id column can be managed by only one sales manager.

Data Concerns -

You are concerned with the quality and completeness of the sales data. You plan to verify the sales data for negative sales amounts.

Reporting Requirements -

Litware identifies the following technical requirements:

Executives require a visual that shows sales by region.

Regional managers require a visual to analyze weekly sales and returns.

Sales managers must be able to see the sales data of their respective region only.

The sales managers require a visual to analyze sales performance versus sales targets.

The sales department requires reports that contain the number of sales transactions.

Users must be able to see the month in reports as shown in the following example: Feb 2020.

The customer service department requires a visual that can be filtered by both sales month and ship month independently.

Question

You need to create the required relationship for the executive's visual.

What should you do before you can create the relationship?

- A. Change the data type of Sales[region_id] to Whole Number.
- B. Change the data type of Sales[region_id] to Decimal Number.
- C. Change the data type of Sales[sales_id] to Text.
- D. In the Sales table, add a measure for Sum(sales_amount).

Correct Answer: A

Scenario: Executives require a visual that shows sales by region.

Need to change the sales_id column from Varchar to Whole Number (Integer).

Community vote distribution

A (100%)

 **HaliBrickclay** Highly Voted 4 months, 4 weeks ago

yes, answer is Correct region_id is sales table is varchar to make join , we need to make it whole number
upvoted 8 times


 **lhueghian** Highly Voted 4 months, 2 weeks ago

In Exam 10/16 and I went for A
upvoted 6 times

 **Hazemnz** Most Recent 19 hours, 59 minutes ago


Selected Answer: A

A is the correct answer
upvoted 1 times

 **toaldoe** 3 months, 1 week ago

Selected Answer: A

yes.. needs to be changed to whole number (integer)
upvoted 3 times

 **NicJac** 3 months, 2 weeks ago


I believe it is C. Change the data type of Sales[sales_id] to Text. if there are any non-numeric values in the Sales [Region_id] column you will not be able to convert it to integer. You are able to merge and join tables on varchar type columns. <https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-shape-and-combine-data#combine-queries>
upvoted 1 times

 **xabieul** 3 weeks, 4 days ago

It can't be C. Sales[region_id] is related to Sales_Region[region_id], which is an integer. For that relation to work, both need to be the same data type. So, if Sales[region_id] had a non-numeric value, it should be corrected because it would be a mistake. We can't change the data type of Sales_Region[region_id] because it is not an option in the questions.
upvoted 1 times

 **noorul99** 6 months ago

yes agree, as it needs to join sales table to region table
upvoted 4 times

 **ali0912** 6 months ago

A = Correct Answer
upvoted 3 times

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Sales_Manager	sales_manager_id	Integer
	name	Varchar
	username	Varchar
Sales	sales_id	Integer
	sales_date_id	Integer
	sales_amount	Floating
	customer_id	Integer
	sales_ship_date_id	Integer
	region_id	Varchar
Customer_Date	customer_id	Integer
	first_name	Varchar
	last_name	Varchar
Date	date_id	Integer
	date	Date
	month	Integer
	week	Integer
	year	Integer
Weekly_Returns	week_id	Integer
	total_returns	Floating
	sales_region_id	Varchar
Targets	target_id	Integer
	sales_target	Decimal
	date_id	Integer
	region_id	Integer

In the Date table, the date_id column has a format of yyyyymmdd and the month column has a format of yyyyymm.

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The region_id column can be managed by only one sales manager.

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Litware identifies the following technical requirements:

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The sales department requires reports that contain the number of sales transactions.

Users must be able to see the month in reports as shown in the following example: Feb 2020.

The customer service department requires a visual that can be filtered by both sales month and ship month independently.

Question

What should you create to meet the reporting requirements of the sales department?

- A. a measure that uses a formula of `SUM(Sales[sales_id])`
- B. a calculated column that use a formula of `COUNTA(Sales[sales_id])`
- C. a measure that uses a formula of `COUNTROWS(Sales)`
- D. a calculated column that uses a formula of `SUM(Sales[sales_id])`

Correct Answer: C

The sales department requires reports that contain the number of sales transactions.

The `COUNTROWS` function counts the number of rows in the specified table, or in a table defined by an expression.

Incorrect Answers:

B: `COUNTA` counts the number of values in a column. It returns the number of cells in a column that contain a non blank value.

Reference:

<https://docs.microsoft.com/en-us/dax/countrows-function-dax>

 **DaveLaff** Highly Voted 6 months ago

Correct, C.

There are three reasons why `COUNTROWS(Sales)` is better:

- It's more efficient, and so it will perform better.
- It doesn't consider `BLANK`s contained in any column of the table.
- The intention of formula is clearer, to the point of being self-describing.

When it's your intention to count table rows, it's recommended you always use the `COUNTROWS` function.

<https://docs.microsoft.com/en-us/dax/best-practices/dax-countrows>

upvoted 41 times

 **XiltroX** 5 months, 3 weeks ago

Thank you DaveLaff for your invaluable tip

upvoted 1 times

 **noorul99** 5 months, 3 weeks ago

nice explanation

upvoted 1 times

 **DarioReymago** 5 months, 3 weeks ago

C is correct

upvoted 1 times

 **rrrrrrrrrr** Most Recent 2 months ago

B is pointless, since it states "calculated column". You certainly do not want to have this number in every single row of the Sales table. However `COUNTROWS` does not distinguish between empty values or duplicated in the field `sales_id`, so also not a perfect solution, but the only one, which works.

upvoted 2 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

 **lhueghian** 4 months, 2 weeks ago

I had this in my exam 16/10 and went for C (Countrow)

upvoted 1 times

 **HaliBrickclay** 4 months, 4 weeks ago

yes its C,

we cannot sum `sales_ID`

upvoted 2 times

 **IvyS** 5 months ago

The Answer should be B, `COUNTA(sales_id)`

`sales_id` represent a unique sales transaction and the requirement of sales department's is to show the number of sales transactions. Therefore we should use `COUNTA` function, which count the number of value of the field which is not blank.

The shortfall of using COUNTROWS is because it dose not consider blanks which may lead to error.

upvoted 4 times

  **Ivys** 5 months ago

The Count function counts the number of records that contain a number in a single-column table.

The CountA function counts the number of records that aren't blank in a single-column table. This function includes empty text ("") in the count.

The CountIf function counts the number of records in a table that are true for a logical formula. The formula can reference columns of the table.

The CountRows function counts the number of records in a table.

upvoted 6 times

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	sales_amount	Floating
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	sales_ship_date_id	Integer
	region_id	Varchar
Customer_Date	customer_id	Integer
	first_name	Varchar
	last_name	Varchar
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	date	Date
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	year	Integer
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The customer service department requires a visual that can be filtered by both sales month and ship month independently.

Question

You need to provide a solution to provide the sales managers with the required access.

What should you include in the solution?

- A. Create a security role that has a table filter on the Sales_Manager table where username = UserName().
- B. Create a security role that has a table filter on the Region_Manager table where sales_manager_id = UserPrincipalName().
- C. Create a security role that has a table filter on the Sales_Manager table where name = UserName().
- D. Create a security role that has a table filter on the Sales_Manager table where username = sales_manager_id.

Correct Answer: A

Scenario: The region_id column can be managed by only one sales manager.

You can use Username() or userprincipalname() in DAX with Row-Level Security.


Within Power BI Desktop, username() will return a user in the format of DOMAIN\User and userprincipalname() will return a user in the format of user@contoso.com.


Incorrect Answers:


B: sales_manager_id is an integer and cannot be converted to a string datatype.

Reference:


<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls> <https://powerbi.microsoft.com/en-us/blog/using-username-in-dax-with-row-level-security/>


 **brieuchoonen1** Highly Voted 11 months, 4 weeks ago
Correct answer is A because username() -> varchar
upvoted 58 times


 **Jajabink** 9 months, 3 weeks ago
The Power BI DAX USERNAME() function helps to return the user domain login with the form of (Domain\User) in the locality or your local system.
The Power BI DAX USERPRINCIPALNAME() function helps to return the user principal name with the form of (User's login credential or Preeti@<tenant>.onmicrosoft.com) in the Power BI Online Service. Assuming username in the table contains Domain\User data, answer is A.
upvoted 7 times


 **AnetaK** 11 months, 3 weeks ago
I thought in RLS we use the UserPrincipalName() function.
upvoted 2 times


 **AnetaK** 11 months, 3 weeks ago
Well, now I see that this article does not fully cover the topic.
<https://docs.microsoft.com/en-us/learn/modules/row-level-security-power-bi/3-dynamic-method>
upvoted 1 times

 **brieuchoonen1** 11 months, 4 weeks ago
and in SalesManager tab
upvoted 2 times

 **WillyMac** Highly Voted 10 months ago
It can't be B.
Region_Manager Table does not contain a column named: "sales_manager_id".
upvoted 7 times

 **D24G** 9 months, 2 weeks ago
THIS! so the answer must be A in my opinion
upvoted 2 times

 **PatrickStr** Most Recent 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 1 times

 **aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
my answer:
Create a security role that has a table filter on the Sales_Manager table where username = UserName().

upvoted 3 times

 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 1 times

 **Charley92** 8 months, 2 weeks ago

USERNAME Returns the domain and login of the user in the domain\login format.

USERPRINCIPALNAME Depending on how the Active Directory was set up, this function usually returns the email address of a user.

upvoted 3 times

 **PortlandFighters** 8 months, 2 weeks ago


The correct answer is A. The suggested answer B is incorrect. Since data type of sales_manager_id is integer while UserPrincipalName() will return the user login email address which is a varchar data type. The where clause in answer B will never works. For the where clause in answer A, Username() will return the login credential in Power BI service, that is the email used to login. This can match with the username in the Sales_Manager table. Similar reason for answer C and D, the where clause will not work too. The only answer that will work is A. Thus, the answer is definitely A.

upvoted 3 times

 **wellingtonluis** 8 months, 2 weeks ago

There is No Sales_Manager table in de study case.


upvoted 1 times

 **rick8213** 9 months, 3 weeks ago

B is indeed correct, for this reason: "Litware uses Azure Active Directory (Azure AD) to authenticate users."

When Azure AD is set up, USERPRINCIPALNAME() will return the domain e-mail address

upvoted 3 times

 **MayurD** 9 months, 2 weeks ago

Your answer would have been correct if option B is using email = userprincipalname(). So in this case, the closest correct answer from the provided option is D.

upvoted 1 times

 **FRITTEN2PIET** 9 months, 1 week ago

You both are wrong!

With you approaches you try to match an ID = Integer with the string/varchar outcome that the function USERNAME() / USERPRINCIPALNAME() produces.

The only right answer is A, because you match the username as varchar/string with the varchar/string outcome from USERNAME()


upvoted 2 times

 **udicanito** 10 months ago

I agree that answer is A for the fact that username() return a Varchar and we have the username column only in the Sales_Manager table (instead in Region_Manager we have the managerid that is an integer)

But why C is not correct? also name is a Varchar. I don't understand the difference

upvoted 1 times

 **jesusdax** 9 months, 3 weeks ago

C is correct because the "name" column would return the person name and not the AAD username a.k.a. email address.

upvoted 2 times

 **udicanito** 10 months ago

EDIT: maybe because name contains only the name but username() returns the email.. so the answer is the username field!

upvoted 2 times

 **master_artiom1983** 11 months ago

A - correct answer.

username() - for e-mail

UserPrincipalName() - for domain name

upvoted 6 times

 **Timmof** 10 months, 3 weeks ago


A is the correct answer, but not because of what you are saying.

UserName() returns domain\username in PBI desktop

UserName() returns the e-mail in PBI Service

UserPrincipalName() always returns the e-mail in both

upvoted 18 times

 **Fouad01** 9 months, 3 weeks ago

The video shows that UserPrincipalName() returns domain\username in PBI desktop (by using card visual) and e-mail in PBI Service!

<https://www.youtube.com/watch?v=lc9oawAWorM>

at 12:48 to be exact

upvoted 2 times

 **shankarm** 11 months, 1 week ago

Region_Manager table doesnt even have [sales_manager_id] column.. besides UserPrincipalName() returns string .. how can you compare with [sales_manager_id] which is number anyway .. A is correct

upvoted 3 times

  **bjondina** 11 months, 1 week ago

What is the right answer?

upvoted 1 times

  **Rahul0222** 11 months, 3 weeks ago

Correct answer is A. 1. username()-> varchar 2. We need to look in sales_manager table not in region_manager table.

upvoted 6 times

  **RehafKH** 10 months, 4 weeks ago

but the sales manager has no direct connection with the region. the region is connected with the sales manager using the region manager table

upvoted 1 times

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Overview -

Litware, Inc. is an online retailer that uses Microsoft Power BI dashboards and reports.

The company plans to leverage data from Microsoft SQL Server databases, Microsoft Excel files, text files, and several other data sources.

Litware uses Azure Active Directory (Azure AD) to authenticate users.

Existing Environment -

Sales Data -

Litware has online sales data that has the SQL schema shown in the following table.

Table name	Column name	Data type
Sales_Region	region_id	Integer
	name	Varchar
Region_Manager	region_id	Integer
	manager_id	Integer
Sales_Manager	sales_manager_id	Integer
	name	Varchar
	username	Varchar
Sales	sales_id	Integer
	sales_date_id	Integer
	sales_amount	Floating
	customer_id	Integer
	sales_ship_date_id	Integer
	region_id	Varchar
Customer_Date	customer_id	Integer
	first_name	Varchar
	last_name	Varchar
Date	date_id	Integer
	date	Date
	month	Integer
	week	Integer
	year	Integer
Weekly_Returns	week_id	Integer
	total_returns	Floating
	sales_region_id	Varchar
Targets	target_id	Integer
	sales_target	Decimal
	date_id	Integer
	region_id	Integer

In the Date table, the date_id column has a format of yyyyymmdd and the month column has a format of yyyyymm.

The week column in the Date table and the week_id column in the Weekly_Returns table have a format of yyyyww.

The sales_id column in the Sales table represents a unique transaction.

The region_id column can be managed by only one sales manager.

Data Concerns -

You are concerned with the quality and completeness of the sales data. You plan to verify the sales data for negative sales amounts.

Reporting Requirements -

Litware identifies the following technical requirements:

Executives require a visual that shows sales by region.

Regional managers require a visual to analyze weekly sales and returns.

Sales managers must be able to see the sales data of their respective region only.

The sales managers require a visual to analyze sales performance versus sales targets.

The sales department requires reports that contain the number of sales transactions.

Users must be able to see the month in reports as shown in the following example: Feb 2020.

The customer service department requires a visual that can be filtered by both sales month and ship month independently.

Question

You need to create a relationship between the Weekly_Returns table and the Date table to meet the reporting requirements of the regional managers.

What should you do?

- A. Add the Weekly_Returns data to the Sales table by using RELATED DAX functions.
- B. In the Weekly_Returns table, create a new calculated column named date_id in a format of yyyyymmdd and use the calculated column to create a relationship to the Date table.
- C. Create a new table based on the Date table where date_id is unique, and then create a many-to-many relationship to Weekly_Return.

Correct Answer: B

Scenario: Regional managers require a visual to analyze weekly sales and returns.

To relate the two tables we need a common column.

  **mabianco** Highly Voted 11 months, 2 weeks ago

In the environment explanation is written "The week column in the Date table and the week_id column in the Weekly_Returns table have a format of yyyyww."

So I assume that missing answer is to setup relationship between above columns

upvoted 36 times

  **xabieul** 3 weeks, 4 days ago

That would be a many-to-many relationship.

* Date/week has the same item 7 times a week. From February 7th 2022 to February 13th 2022 we are in the same week

* Weekly_Returns/week_id is repeated as many times as regions (sales_regions_id) exist.

I am not absolutely sure how would that work because the description says that there are many data sources and many-to-many relationships have some limitations if some of the tables come from DirectQuery sources.

So, I would vote "B" as correct answer

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-many-to-many-relationships>

upvoted 1 times

  **mirzotti** 2 months, 2 weeks ago

I totally agree.

upvoted 1 times

  **enrfa** 8 months, 3 weeks ago

They can't be related on the week columns because in the Date table a week might have two values if it is included in two months (e.g. week 13 in 2021 goes from Mar 29th to Apr 4th) and the relationship will assign the value twice

upvoted 2 times

  **borinot** 9 months, 1 week ago

It is true, it would be the perfect solution. If there is not the perfect solution, you have to choose the less wrong solution and it is B.

upvoted 1 times

  **lyniguez** Highly Voted 11 months, 3 weeks ago

B is correct

upvoted 28 times

  **paulojorge** 6 months, 2 weeks ago

Is impossible, because on Weekly_Returns, data is groped by region_id.

upvoted 1 times

  **Meyti** Most Recent 2 months ago

B is correct.

We can't create a 1:* relationship between Date and weekly_return, because in Date table could be more than one row for a week.(e.g for 2 different Date in same week, then they have same week)

upvoted 3 times

  **lhueghian** 4 months, 3 weeks ago

The missing answer should be to create a relationship between Weekly_Return table and Date table because The week column in the Date table and the week_id column in the Weekly_Returns table have a format of yyyyww. so no need to do what answer B is suggesting.

upvoted 3 times

  **Ihueghian** 4 months, 2 weeks ago

This came in my Exam 16/10 and i went for B

upvoted 3 times

  **Canary_2021** 8 months, 2 weeks ago

If many records in Weekly_Returns table have same yyyyww values, the value of new calculated column date_id have same value. For example you return \$3000 to Region A on 202102, you also return \$2000 to Region B on 202102. After calculation, the date_id of these 2 records are all equal to 20210104.


How to transfer yyyyww to yyyyymmdd by calculation?

upvoted 1 times

  **mullered** 10 months, 2 weeks ago

The argument for the solution doesn't make sense. There is already a relationship between Weekly_returns and Date on date[Week] and Weekly_Returns[Week_ID] as noted.

upvoted 5 times

  **jakup123** 9 months, 2 weeks ago

"The week column in the Date table and the week_id column in the Weekly_Returns table have a format of yyyyww." there is no mention of relationship between them, only them being the same

upvoted 3 times

  **Maue** 9 months, 4 weeks ago

I got this too, but I don't understand why everyone here is saying the opposite?

upvoted 3 times

  **DeathCaliberKnight** 10 months, 2 weeks ago

B is the correct answer , we can use RELATED because no column in common between the two table and C is completely false

upvoted 3 times

  **Maue** 9 months, 4 weeks ago

" The week column in the Date table and the week_id column in the Weekly_Returns table have a format of yyyyww."


Why are you saying there's no relation?

upvoted 3 times

  **shankarm** 11 months, 1 week ago

RELATED() requires relationship between 2 queries. So A can not be correct. If you look at Date table and Weekly returns table, relationship type can not be M2M, So C is as well incorrect. We are left with B, its doable but not a best way. It will need effort.

upvoted 4 times

  **gampy** 11 months, 2 weeks ago

A is correct (but not the best option as creating a measure is a more preferable option here). Sales relates to Date as n - 1 (sales_date_id - date_id) and Date relates to Weekly_Returns as n - 1 (week - week_id). That means Sales relates to Weekly_Returns as n - 1 also and we can add Weekly return amount to Sales by using the RELATED func

upvoted 1 times

  **AnetaK** 11 months, 3 weeks ago

Is there any simple way to get yyyyymmdd from yyyyww?

Merge Weekly_Returns with Date on yyyyww and get the earliest date from particular week?

upvoted 1 times

  **EMNAB** 11 months, 3 weeks ago

i think it's A

Here we have :The week column in the Date table and the week_id column in the Weekly_Returns table have a format of yyyyww the two columns have also the same type (same type and same values)

upvoted 1 times

  **EllenW** 11 months, 3 weeks ago

A: incorrect - RELATED DAX function requires a relationship between 2 tables, while we can't build a relationship between sales (daily) & returns (weekly)

B: incorrect - This procedure will change weekly data in returns to daily, and eventually will end up incorrect results after being aggregated to weekly

C: unnecessary & incomplete procedures, hardly to be correct - suppose the relationship between new Date table & Weekly_Returns is built correctly based on week & week_id, and 1 direction from Returns to new Date, but the new Date table is not linked to Sales, it doesn't help with the relationship with Returns & Sales. You still need to link the new Date table with Sales. Also there's no need to create a new Date table as there is one already, it's easier to link Sales & Date (on date_id), Date & Returns (week).

It looks like there is a 'D' option missing here. If not then C, at least it doesn't return incorrect results

upvoted 12 times

  **IvyS** 5 months ago

Agree, there should be an option D

But B can work as well

upvoted 1 times

  **EllenW** 11 months, 3 weeks ago

correction: B can return correct results after aggregation with weekly Sales. It's not the best modeling approach but still works. C is far from getting the right results. So the answer is B

upvoted 14 times

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	sales_amount	Floating
	customer_id	Integer
	sales_ship_date_id	Integer
	region_id	Varchar
Customer_Date	customer_id	Integer
	first_name	Varchar
	last_name	Varchar
Date	date_id	Integer
	date	Date
	month	Integer
	week	Integer
	year	Integer
Weekly_Returns	week_id	Integer
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The sales department requires reports that contain the number of sales transactions.

Users must be able to see the month in reports as shown in the following example: Feb 2020.

The customer service department requires a visual that can be filtered by both sales month and ship month independently.

Question

You need to create relationships to meet the reporting requirements of the customer service department.

What should you create?

- A. an additional date table named ShipDate, a one-to-many relationship from Date[date_id] to Sales[Sales_date_id], and a one-to-many relationship from ShipDate[date_id] to Sales[sales_ship_date_id]
- B. an additional date table named ShipDate, a many-to-many relationship from Sales[sales_date_id] to Date[date_id], and a many-to-many relationship from Sales[sales_ship_date_id] to ShipDate[date_id]
- C. a one-to-many relationship from Date[date_id] to Sales[sales_date_id] and another one-to-many relationship from Date[date_id] to Weekly>Returns[week_id]
- D. a one-to-many relationship from Sales[sales_date_id] to Date[date_id] and a one-to-many relationship from Sales[sales_ship_date_id] to Date[date_id]

Correct Answer: A

Scenario: The customer service department requires a visual that can be filtered by both sales month and ship month independently.

In Power BI Desktop, only one relationship can be active between a Fact table and Dimension table, so we need an extra table.

Use one-to-many relationship to be able to filter.


Incorrect Answers:


C: Cannot make a relation between a date_id and a week_id.


D: The one-to-many relationships between the Sales and the Date tables goes in the other direction: for each date there can be many sales or shipments.


Reference:


<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-relationships-understand>


 **stokazz** Highly Voted 11 months, 4 weeks ago
they fixed the answer few days ago, now is A!
upvoted 53 times


 **DarioReymago** 5 months, 3 weeks ago
Is correcto, the answer is A
upvoted 3 times


 **Cherishworth** Highly Voted 10 months, 3 weeks ago
In my opinion, USERRELATIONSHIP() can be used here for the inactive relationship between Sales_ship_date_id and Date_id. No need to create a new table.
<https://docs.microsoft.com/en-us/dax/userrelationship-function-dax>
If I'm wrong, please correct me.
upvoted 16 times

 **kam5** 8 months ago
I agree. Problem is that D could only be correct if it also specified making a DAX measure using userrelationship() and specifying date_id to sales_date_id as 1:* (not vice versa). Would be much better ito performance, but no such requirement is specified.
upvoted 3 times

 **manlynn** 10 months, 2 weeks ago
There are two ways to relate additional relationship in the same table: Use USERRELATIONSHIP or create an additional date table.
upvoted 3 times



 **Moshekwa** 10 months ago
I share the same notion.. You only need to have on active relationship anyway. You can use the said function.
upvoted 1 times

 **PatrickStr** Most Recent 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 1 times

 **aguilartu1** 3 months, 3 weeks ago
on exam - Nov 11, 2021.
my answer:


an additional date table named ShipDate, a one-to-many relationship from Date[date_id] to Sales[Sales_date_id], and a one-to-many relationship from ShipDate[date_id] to Sales[sales_ship_date_id]

upvoted 1 times

  **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 1 times

  **Dizzystar** 5 months, 2 weeks ago



A and B are not possible: ShipDate[date_id] doesn't exist... And you can't connect week and date_id in C. So D is left.

upvoted 2 times

  **ingie** 3 months, 3 weeks ago

Read, you create ShipDate yourself



upvoted 2 times

  **ezinap** 5 months, 3 weeks ago

the question is what to CREATE. The answer is D. a one-to-many relationship from Sales[sales_date_id] to Date[date_id] and a one-to-many relationship from Sales[sales_ship_date_id] to Date[date_id] .

Note: 1-to-many is the type of the relationship, not the direction.

upvoted 1 times

  **hobob33** 6 months, 2 weeks ago

Think its A. Theres two topics here:

1. Role playing dimensions. Have 2 date tables that can be filtered indep.
2. Use relationship

upvoted 1 times

  **Databankforfree** 8 months, 2 weeks ago

Answer: E

Explanation:

Scenario: The customer service department requires a visual that can be filtered by both sales month and ship month independently.

Reference: <https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-relationships-understand>

upvoted 1 times

  **DeathCaliberKnight** 10 months, 2 weeks ago

A is the correct answer , one to many relationship

upvoted 5 times

  **catalene** 1 year ago

For my A. an additional date table named ShipDate, a one-to-many relationship from Date[sales_date_id] to Sales[date_id], and a one-to-many relationship from ShipDate[sales_ship_date_id] to Sales[date_id] is the best option in fact is the best practice for these cases

upvoted 1 times

  **Famerin** 1 year ago

Honestly, I think none of the answers are correct:

1) Creating a new date table is a bad solution as you bloat up the data model. That rules out A and B.

2) Working with a second (inactive) relation between the sales and date table is the way to go, however both C and D don't work out either since D mixes up the direction of the relationships, and C wants to connect date_id and week_id, which won't work.

This question appears a few pages earlier, too, and there are different answering options. The right is included in that version.

Any thoughts? I'm happy to be convinced otherwise.

upvoted 6 times

  **tzaganczyk** 10 months, 2 weeks ago

Date tables itself aren't big, eventually relationships may take more space when on many side of one-to-many relationship you have millions of rows.



There is nothing about not increasing the size of the model, so still A is valid in this case.

upvoted 5 times

  **167** 1 year ago



A is the correct answers. Since, role-playing dimension is one of the solution to solve active and inactive problem. In addition, relationship is also correct in choice A.

upvoted 4 times

  **faria** 1 year, 1 month ago

E . a one-to-many relationship from Date[date_id] to Sales[sales_date_id] and another one-to-many relationship from Date[date_id] to Sales[sales_ship_date_id] is missing from choice.

upvoted 5 times

  **Nugi** 1 year, 1 month ago

Should be A, but with correction on the typo, the relationship should be Date[date_id] one-to-many to Sales[sales_date_id], ShipDate[date_id] one-to-many to Sales[sales_ship_date_id].

upvoted 1 times

🗨️ 👤 **Myroslava_BI** 1 year, 1 month ago
one-to-many relationship is the same as many-to-one rel.
upvoted 1 times

🗨️ 👤 **AtmaNow** 1 year, 1 month ago
The column names are not correct in Answer A!
upvoted 2 times

🗨️ 👤 **Deloro** 1 year, 1 month ago
hmm agree with A if this changes in the question
one-to-many relationship from Date[date_id] to Sales[sales_date_id],
one-to-many relationship from ShipDate[date_id] to Sales[ship_sales_date_id]

otherwise A is not correct.
upvoted 6 times

🗨️ 👤 **Deloro** 1 year, 1 month ago
D might be, but the one-to-many is wrong should be many-to-one
upvoted 2 times

Topic 11 - Testlet 5

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Overview -

Contoso, Ltd. is a manufacturing company that produces outdoor equipment. Contoso has quarterly board meetings for which financial analysts manually prepare

Microsoft Excel reports, including profit and loss statements for each of the company's four business units, a company balance sheet, and net income projections for the next quarter.

Existing Environment -

Data and Sources -

Data for the reports comes from three sources. Detailed revenue, cost, and expense data comes from an Azure SQL database. Summary balance sheet data comes from Microsoft Dynamics 365 Business Central. The balance sheet data is not related to the profit and loss results, other than they both relate to dates.

Monthly revenue and expense projections for the next quarter come from a Microsoft SharePoint Online list. Quarterly projections relate to the profit and loss results by using the following shared dimensions: date, business unit, department, and product category.

Net Income Projection Data -

Net income projection data is stored in a SharePoint Online list named Projections in the format shown in the following table.

MonthStartDate	Projection type	ProductCategory	Department	Projection
1-Apr-20	Revenue	Bikes	N/A	200,000
1-Apr-20	Revenue	Components	N/A	250,000
1-Apr-20	Revenue	Clothing	N/A	300,000
1-Apr-20	Revenue	Accessories	N/A	150,000
1-May-20	Revenue	Bikes	N/A	200,000
1-May-20	Revenue	Components	N/A	250,000
1-Apr-20	Expense	Bikes	Bike Manufacture	50,000
1-Apr-20	Expense	Bikes	Bike Sales	3,333

Revenue projections are set at the monthly level and summed to show projections for the quarter.

Balance Sheet Data -

The balance sheet data is imported with final balances for each account per month in the format shown in the following table.

AccountCategory	Account	Month	Year	BalanceAmount
Current assets	Cash and cash equivalents	3	2020	20,289
Current assets	Inventories	3	2020	4,855
Long-term liabilities	Long-term debt	3	2020	50,207
Current assets	Cash and cash equivalents	2	2020	28,209
Current assets	Inventories	2	2020	5,845
Long-term liabilities	Long-term debt	2	2020	49,887
Current assets	Cash and cash equivalents	1	2020	25,567
Current assets	Inventories	1	2020	65,998
Long-term liabilities	Long-term debt	1	2020	46,124

There is always a row for each account for each month in the balance sheet data.

Dynamics 365 Business Central Data

Business Central contains a product catalog that shows how products roll up to product categories, which roll up to business units.

Revenue data is provided at the date and product level. Expense data is provided at the date and department level.

Business Issues -

Historically, it has taken two analysts a week to prepare the reports for the quarterly board meetings. Also, there is usually at least one issue each quarter where a value in a report is wrong because of a bad cell reference in an Excel formula. On occasion, there are conflicting results in the reports because the products and departments that roll up to each business unit are not defined consistently.

Requirements -

Planned Changes -

Contoso plans to automate and standardize the quarterly reporting process by using Microsoft Power BI. The company wants to how long it takes to populate reports to less than two days. The company wants to create common logic for business units, products, and departments to be used across all reports, including, but not limited, to the quarterly reporting for the board.

Technical Requirements -

Contoso wants the reports and datasets refreshed with minimal manual effort.

The company wants to provide a single package of reports to the board that contains custom navigation and links to supplementary information.

Maintenance, including manually updating data and access, must be minimized as much as possible.

Security Requirements -

The reports must be made available to the board from powerbi.com. An Azure Active Directory group will be used to share information with the board.

The analysts responsible for each business unit must see all the data the board sees, except the profit and loss data, which must be restricted to only their business unit's data. The analysts must be able to build new reports from the dataset that contains the profit and loss data, but any reports that the analysts build must not be included in the quarterly reports for the board. The analysts must not be able to share the quarterly reports with anyone.

Report Requirements -

You plan to relate the balance sheet to a standard date table in Power BI in a many-to-one relationship based on the last day of the month. At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.

Projections must contain a column named RevenueProjection that contains the revenue projection amounts. A relationship must be created from Projections to a table named Date that contains the columns shown in the following table.

Name	Data type	Example
Date	Date	4-Apr-2020
Month	Integer	20,2004
Month Name	Text	February
Quarter	Integer	20,202
Year	Integer	2,020

The definitions and attributes of products, departments, and business units must be consistent across all reports.

The board must be able to get the following information from the quarterly reports:

Revenue trends over time

Ending balances for each account

A comparison of expenses versus projections by quarter

Changes in long-term liabilities from the previous quarter

A comparison of quarterly revenue versus the same quarter during the prior year

Question

DRAG DROP -

Once the profit and loss dataset is created, which four actions should you perform in sequence to ensure that the business unit analysts see the appropriate profit and loss data? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the

correct order.

Select and Place:

Actions

Answer Area

From powerbi.com, assign the analysts the Contributor role to the workspace.

From Power BI Desktop, add a Table Filter DAX Expression to the roles.

From powerbi.com, add role members to the roles.

From Power BI Desktop, publish the dataset to powerbi.com.

From Power BI Desktop, create four roles.



Correct Answer:

Actions

Answer Area

From powerbi.com, assign the analysts the Contributor role to the workspace.

From Power BI Desktop, publish the dataset to powerbi.com.

From Power BI Desktop, create four roles.

From Power BI Desktop, add a Table Filter DAX Expression to the roles.

From powerbi.com, add role members to the roles.



Scenario: The analysts responsible for each business unit must see all the data the board sees, except the profit and loss data, which must be restricted to only their business unit's data. The analysts must be able to build new reports from the dataset that contains the profit and loss data, but any reports that the analysts build must not be included in the quarterly reports for the board. The analysts must not be able to share the quarterly reports with anyone.

Define roles and rules in Power BI Desktop

You can define roles and rules within Power BI Desktop. When you publish to Power BI, it also publishes the role definitions.

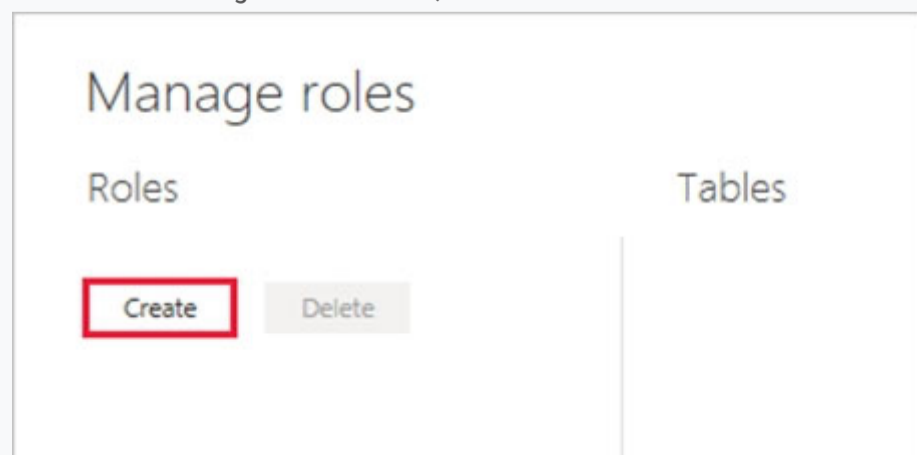
To define security roles, follow these steps.

1. Import data into your Power BI Desktop report, or configure a DirectQuery connection.

(step 1: From Power BI Desktop, publish the dataset to powerbi.com)

2. From the Modeling tab, select Manage Roles.

3. From the Manage roles window, select Create.



(Step 2: From Power BI Desktop, create four roles.)

4. Under Roles, provide a name for the role.

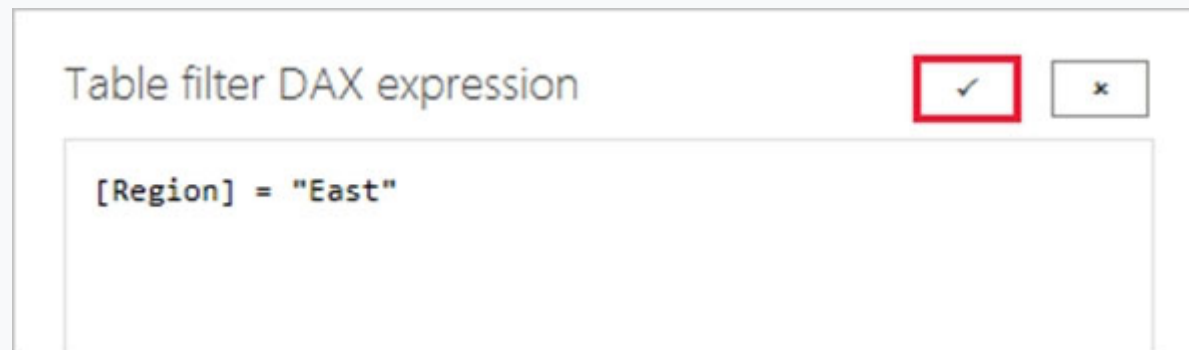
5. Under Tables, select the table to which you want to apply a DAX rule.

6. In the Table filter DAX expression box, enter the DAX expressions. This expression returns a value of true or false. For example: [Entity ID] =

λ€Valueλ€.

(Step 3: From Power BI Desktop, add Table Filter DAX Expression to the roles.)

7. After you've created the DAX expression, select the checkmark above the expression box to validate the expression.



8. Select Save.

Step 4: From powerbi.com, add role members to the roles.

You can't assign users to a role within Power BI Desktop. You assign them in the Power BI service.

Reference:

<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>


 **shalmali30091993** Highly Voted 6 months ago

- 1.create roles
 - 2.DAX
 - 3.publish
 - 4.Add members to roles
- upvoted 61 times


 **datanerd99** Highly Voted 5 months, 2 weeks ago

This was on the exam on 9/16, but under a different case study

- 1.Create Roles
 2. DAX
 3. Publish
 4. Members and roles in powerbi.com
- upvoted 5 times

 **PatrickStr** Most Recent 2 months, 3 weeks ago

on exam 12/10/2021
upvoted 1 times

 **ezinap** 5 months, 3 weeks ago

in <https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>
the action 'publish' (step 3) is right above "Manage security on your model", which is followed by 'Working with members - Add' (step 4).
upvoted 1 times

 **Armandoo** 6 months ago

1. Create Four Roles
2. DAX
3. Add Member to Roles in PowerBI Service
4. Publish

Ref: <https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>
upvoted 3 times

 **CYDRIC_AL** 4 months ago

You need to publish first to assign roles in PowerBi Service.
upvoted 2 times

 **Nadiaa** 6 months ago

Is this right ?
upvoted 2 times

 **aymeannoun** 5 months, 2 weeks ago

no, this is the right answer, (tested) :

- 1.create roles
- 2.DAX
- 3.publish
- 4.Add members to roles

upvoted 9 times

Introductory Info

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Overview -

Contoso, Ltd. is a manufacturing company that produces outdoor equipment. Contoso has quarterly board meetings for which financial analysts manually prepare

Microsoft Excel reports, including profit and loss statements for each of the company's four business units, a company balance sheet, and net income projections for the next quarter.

Existing Environment -

Data and Sources -

Data for the reports comes from three sources. Detailed revenue, cost, and expense data comes from an Azure SQL database. Summary balance sheet data comes from Microsoft Dynamics 365 Business Central. The balance sheet data is not related to the profit and loss results, other than they both relate to dates.

Monthly revenue and expense projections for the next quarter come from a Microsoft SharePoint Online list. Quarterly projections relate to the profit and loss results by using the following shared dimensions: date, business unit, department, and product category.

Net Income Projection Data -

Net income projection data is stored in a SharePoint Online list named Projections in the format shown in the following table.

MonthStartDate	Projection type	ProductCategory	Department	Projection
1-Apr-20	Revenue	Bikes	N/A	200,000
1-Apr-20	Revenue	Components	N/A	250,000
1-Apr-20	Revenue	Clothing	N/A	300,000
1-Apr-20	Revenue	Accessories	N/A	150,000
1-May-20	Revenue	Bikes	N/A	200,000
1-May-20	Revenue	Components	N/A	250,000
1-Apr-20	Expense	Bikes	Bike Manufacture	50,000
1-Apr-20	Expense	Bikes	Bike Sales	3,333

Revenue projections are set at the monthly level and summed to show projections for the quarter.

Balance Sheet Data -

The balance sheet data is imported with final balances for each account per month in the format shown in the following table.

AccountCategory	Account	Month	Year	BalanceAmount
Current assets	Cash and cash equivalents	3	2020	20,289
Current assets	Inventories	3	2020	4,855
Long-term liabilities	Long-term debt	3	2020	50,207
Current assets	Cash and cash equivalents	2	2020	28,209
Current assets	Inventories	2	2020	5,845
Long-term liabilities	Long-term debt	2	2020	49,887
Current assets	Cash and cash equivalents	1	2020	25,567
Current assets	Inventories	1	2020	65,998
Long-term liabilities	Long-term debt	1	2020	46,124

There is always a row for each account for each month in the balance sheet data.

Dynamics 365 Business Central Data

Business Central contains a product catalog that shows how products roll up to product categories, which roll up to business units.

Revenue data is provided at the date and product level. Expense data is provided at the date and department level.

Business Issues -

Historically, it has taken two analysts a week to prepare the reports for the quarterly board meetings. Also, there is usually at least one issue each quarter where a value in a report is wrong because of a bad cell reference in an Excel formula. On occasion, there are conflicting results in the reports because the products and departments that roll up to each business unit are not defined consistently.

Requirements -

Planned Changes -

Contoso plans to automate and standardize the quarterly reporting process by using Microsoft Power BI. The company wants to how long it takes to populate reports to less than two days. The company wants to create common logic for business units, products, and departments to be used across all reports, including, but not limited, to the quarterly reporting for the board.

Technical Requirements -

Contoso wants the reports and datasets refreshed with minimal manual effort.

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Report Requirements -

You plan to relate the balance sheet to a standard date table in Power BI in a many-to-one relationship based on the last day of the month. At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.

Projections must contain a column named RevenueProjection that contains the revenue projection amounts. A relationship must be created from Projections to a table named Date that contains the columns shown in the following table.

Name	Data type	Example
Date	Date	4-Apr-2020
Month	Integer	20,2004
Month Name	Text	February
Quarter	Integer	20,202
Year	Integer	2,020

The definitions and attributes of products, departments, and business units must be consistent across all reports.

The board must be able to get the following information from the quarterly reports:

Revenue trends over time

Ending balances for each account

A comparison of expenses versus projections by quarter

Changes in long-term liabilities from the previous quarter

A comparison of quarterly revenue versus the same quarter during the prior year

Question

Which DAX expression should you use to get the ending balances in the balance sheet reports?

- A. CALCULATE (SUM(BalanceSheet [BalanceAmount]), DATESQTD('Date'[Date]))
- B. CALCULATE (SUM(BalanceSheet [BalanceAmount]), LASTDATE('Date'[Date]))
- C. FIRSTNONBLANK ('Date' [Date] SUM(BalanceSheet[BalanceAmount]))
- D. CALCULATE (MAX(BalanceSheet[BalanceAmount]), LASTDATE('Date' [Date]))

Correct Answer: B

Scenario: At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.

Semi-additive calculations, such as balance at end of month, use LASTDATE Functions.

Reference:

<https://docs.microsoft.com/en-us/learn/modules/create-measures-dax-power-bi/5-semi-additive-measures>

  **VR1** Highly Voted 1 year, 5 months ago

Ans - CALCULATE (SUM(BalanceSheet [BalanceAmount]), LASTDATE('Date'[Date]))



<https://docs.microsoft.com/en-us/learn/modules/create-measures-dax-power-bi/5-semi-additive-measures>

upvoted 83 times

  **bechir1** 1 year ago

be careful read the following action requirements " At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter." so i think that answer A is the right one

upvoted 7 times

  **venkata_855** 1 year, 4 months ago

We have to add all months in a quarter as the each month shows amounts for that month alone, thus a sum of all months is needed and not just Incremental addition. A should be the answer.

upvoted 8 times

  **GIO200011** 1 year, 4 months ago

It's not the case. The amount is a balance that take in consideration the movements of each month, but already aggregated.

upvoted 4 times

  **AnnieShahid** Highly Voted 1 year, 4 months ago

Ans. is A.

At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.

upvoted 27 times

  **rob51i03** 1 year, 2 months ago

Incorrect. A will sum the balances across all months in the current quarter to date, which is not how balance sheets are designed to work. A balance sheet is a position at a moment in time, so you need to look for the latest one(s) only to get the position in the current quarter. Answer B is correct.

upvoted 26 times

  **xabieul** Most Recent 3 weeks, 4 days ago

I understand that SUM is the perfect function combined with LASTDATE, but I have a problem with the sign. The balance is showing two asset accounts and one liability account. We can't make the direct sum of things that are the opposite.

The assets minus liabilities and net worth are always equal to zero, but the example does not show all the accounts.

Some good question would be:

1* which is the Balance Amount for the assets every month, quarter, etc.? In this case we should sum only the asset accounts (cash and inventories)

2* which is the working capital? This are short term assets minus short term liabilities. But there are two problems. They are giving us long-term liabilities, not short-term ones. And we need to change the sign before summing.

upvoted 1 times

  **Summa** 1 month, 2 weeks ago

I think the answer should be

D. CALCULATE (MAX(BalanceSheet[BalanceAmount]), LASTDATE('Date' [Date]))

upvoted 1 times

  **Shan** 2 months ago

In exam

upvoted 1 times

  **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

  **SVPriya47** 2 months, 1 week ago


What was your answer for this and Did you pass ?

upvoted 1 times

  **RowSwanson** 3 months, 1 week ago

DATESQTD is going to return multiple dates and you don't want to sum all of those dates b/c the value you have for each date is the balance on that date, so it's LASTDATE (IMO).

upvoted 1 times

  **Sandrea** 3 months, 1 week ago



A:

You must not sum balance values. They are already sums. Every following balance value includes the previous values.

DATESQTD: Delivers a table of dates including every (used) date of the current quarter of the filter context. -> sums every monthly balance value of a quarter -> bad

LASTDATE: Delivers a table of exactly one date. The last (used) date in the filter context. -> sums the last balance value a quarter -> nice

upvoted 2 times

  **kcinofni** 3 months, 2 weeks ago

At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter. - <https://docs.microsoft.com/en-us/dax/datesqtd-function-dax#example>

upvoted 1 times

  **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.

my answer:

```
CALCULATE ( SUM( BalanceSheet [BalanceAmount] ), DATESQTD( 'Date'[Date] ) )
```

upvoted 1 times

  **kcwood94** 4 months, 3 weeks ago



On exam 10/14/21

upvoted 2 times

  **geky123** 7 months, 2 weeks ago



<https://community.powerbi.com/t5/Desktop/Power-Pivot-DAX-Balance-sheet-averages/td-p/473904>

upvoted 1 times

  **bberries** 8 months, 3 weeks ago

I am very confused - is there even any relationship that has been established between the balance sheet table and the date table??

upvoted 1 times

  **UptoU** 8 months, 1 week ago



Read this line in the question "You plan to relate the balance sheet to a standard date table in Power BI in a many-to-one relationship based on the last day of the month. "

upvoted 2 times

  **Canary_2021** 8 months, 2 weeks ago



I have same question. No date column in balance sheet table. How it link with data table to get last date? No description in the question to explain it.

upvoted 1 times

  **bberries** 8 months, 3 weeks ago

What is the purpose of using the SUM function here?

upvoted 1 times

  **Canary_2021** 8 months, 2 weeks ago

Feel that Sum is to get total balance from different AccountCategorys.

upvoted 1 times

  **Champikilo** 9 months, 2 weeks ago

Answer is B. Semi-additive calculations (i.e. balance at end of month) often use LASTDATE Functions.

upvoted 3 times

  **Martin_Nbg** 10 months ago

It's B. It's a semi-additive measure. You want to be able to sum up all the accounts of one account category, thus SUM, but you only want to include the latest balance of each quarter, thus LASTDATE.

upvoted 5 times

  **mullered** 10 months, 2 weeks ago

The selected answer is sort of right.

Correct would be something like:

```
Calculate'BalanceSheet'[BalanceAmount], DATESQTD(Date[Date]))
```

Have a go at [dax.guide](https://dax.do)

<https://dax.do/ztDogaRP8jEE7c/>

upvoted 2 times

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A comparison of quarterly revenue versus the same quarter during the prior year

Question

HOTSPOT -

You need to calculate the last day of the month in the balance sheet data to ensure that you can relate the balance sheet data to the Date table.

Which type of calculation and which formula should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Type of calculation:

▼
A DAX calculated column
A DAX calculated measure
An M custom column

Formula:

▼
Date.EndOfMonth(#date([Year], [Month], 1))
Date.EndOfQuarter(#date([Year], [Month], 1))
ENDOFQUARTER(DATE('BalanceSheet'[Year],BalanceSheet[Month],1),0)

Answer Area

Correct Answer:

Type of calculation:

▼
A DAX calculated column
A DAX calculated measure
An M custom column

Formula:

▼
Date.EndOfMonth(#date([Year], [Month], 1))
Date.EndOfQuarter(#date([Year], [Month], 1))
ENDOFQUARTER(DATE('BalanceSheet'[Year],BalanceSheet[Month],1),0)

Box 1: An M custom column -

Box 2: Date.EndOfMonth(#date([Year],[Month],1))

Reference:

<https://docs.microsoft.com/en-us/powerquery-m/date-endofmonth>

 **VR1** Highly Voted 1 year, 5 months ago

Type of calculation - M Custom Column
Formula - Date.EndOfMonth
upvoted 143 times

 **ade2ben** 7 months, 2 weeks ago

Supported
upvoted 1 times

 **Huzak** 11 months ago

Agree, see reference

<https://docs.microsoft.com/en-us/powerquery-m/date-endofmonth>

upvoted 5 times

 **dtTech** Highly Voted 1 year, 4 months ago

C and A
upvoted 21 times

 **smario** Most Recent 2 months, 1 week ago

Correct Answer: A
Scenario: At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.
DATESQTD returns a table that contains a column of the dates for the quarter to date, in the current context.
Reference:
<https://docs.microsoft.com/en-us/dax/datesqtd-function-dax>
upvoted 1 times

 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021
upvoted 1 times

 **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.
my answers:
An M custom column
Date.EndOfMonth
upvoted 1 times

 **kcwood94** 4 months, 3 weeks ago


On exam 10/14/21

upvoted 1 times

  **jecapanda** 6 months, 2 weeks ago

So why not DAX column?

upvoted 1 times

  **amine_bezzi** 8 months, 2 weeks ago

We can't relate using Calculated measure

upvoted 1 times

  **D24G** 9 months, 2 weeks ago

You can't relate using a measure? by the nature of measures they change, so wouldn't be able to provide a value to relate the tables on

upvoted 2 times

  **holySinner** 10 months ago

C and A;

upvoted 2 times

  **DeathCaliberKnight** 10 months, 1 week ago

answer is correct

upvoted 2 times

  **Massy** 10 months ago

answer is wrong, because the formula indicated is an M formula...

upvoted 2 times

  **EmperorWenchang** 11 months, 1 week ago

According to the answer provided by my Power BI instructor in Taiwan, Linda Wu (吳翠鳳), the answer must be:

An M custom column

Date.EndOfMonth(#date([Year], [Month], 1))

upvoted 10 times

  **Zakriya** 10 months ago

So 2nd one must be A

upvoted 1 times

  **madrid99** 1 year ago



C & A. The balancesheet contains data for every month, it is not a quarterly fact

upvoted 3 times

  **JohnCrawford** 1 year, 2 months ago

The reports are quarterly not monthly. I think the given answer works.

upvoted 1 times

  **DubC** 1 year, 2 months ago

The question specifically asks for end of month. The only formula that makes sense is the M syntax (Date.EndOfMonth), and thus the method is M. VR1's first response is correct IMO.

upvoted 3 times

  **Rastakilla** 1 year, 2 months ago

are you sure on this as many evidence above indicates M and end ofMonth

upvoted 1 times

  **CDL** 1 year, 2 months ago

Tested. 3/1

M custom column + Date.EndOfMonth(#date([Year], [Month], 1))

upvoted 8 times

  **CDL** 1 year, 2 months ago

Code FYI.

let

Source = Excel.CurrentWorkbook(){[Name="DateYearQ"]}[Content],

#"Changed Type" = Table.TransformColumnTypes(Source,{{"Month", Int64.Type}, {"Year", Int64.Type}}),

#"Added Custom" = Table.AddColumn("#"Changed Type", "Custom", each Date.EndOfMonth(#date([Year], [Month], 1))),

#"Changed Type1" = Table.TransformColumnTypes("#"Added Custom",{{"Custom", type date}})

in

#"Changed Type1"



upvoted 11 times

  **CristianoMoraes** 1 year, 3 months ago

"You need to calculate the last day of the month in the balance sheet data"

Answer: M and Date.EndofMonth()

upvoted 4 times

  **Lhouss** 1 year, 3 months ago

Type of calculation - M Custom Column
Formula - Date.EndOfMonth
upvoted 4 times

Topic 12 - Testlet 6

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The company recently implemented Power BI to better understand its top customers, products, and suppliers.

Overview. Business Issues -

The sales department relies on the IT department to generate reports in Microsoft SQL Server Reporting Services (SSRS). The IT department takes too long to generate the reports and often misunderstands the report requirements.

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Northwind Traders uses the data sources shown in the following table.

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Source1	Azure SQL database	2 GB
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Source2 is exported daily from a third-party system and stored in Microsoft SharePoint Online.

Existing Environment. Customer Worksheet

Source2 contains a single worksheet named Customer Details. The first 11 rows of the worksheet are shown in the following table.

CustomerID	CustomerCRMID	CompanyName	Address	City	Region	PostalCode	Country	Phone
1	ALFKI	Alfreds Futterkiste	Obere Str. 57	Berlin	DE	12209	Germany	030-0074321
2	ANATR	Ana Trujillo Emparedados y helados	Avda. de la Constitución 2222	México D.F.	MX	5021	Mexico	(5) 555-4729
3	ANTON	Antonio Moreno Taquería	Mataderos 2312	México D.F.	MX	5023	Mexico	(5) 555-3932
4	AROUT	Around the Horn	120 Hanover Sq.	London	UK	WA1 1DP	UK	(171) 555-7788
5	BERGS	Berglunds snabbköp	Berguvsvägen 8	Luleå	SWE	S-958 22	Sweden	0921-12 34 65
6	BLAUS	Blauer See Delikatessen	Forsterstr. 57	Mannheim	DE	68306	Germany	0621-08460
7	BLONP	Blondesdsi père et fils	24, place Kléber	Strasbourg	FRA	67000	France	88.60.15.31
8	BOLID	Bólido Comidas preparadas	C/ Araquil, 67	Madrid	SPN	28023	Spain	(91) 555 22 82
9	BONAP	Bon app'	12, rue des Bouchers	Marseille	FRA	13008	France	91.24.45.40
10	BOTTM	Bottom-Dollar Markets	23 Tsawassen Blvd.	Tsawassen	BC	T2F 8M4	Canada	(604) 555-4729

All the fields in Source2 are mandatory.

The Address column in Customer Details is the billing address, which can differ from the shipping address.

Existing Environment. Azure SQL Database

Source1 contains the following table:

Orders

Products

Suppliers

Categories

Order Details

Sales Employees

The Orders table contains the following columns.

Name	Is nullable	Data type	Example value	Key
OrderID	No	Int	10248	Primary key
CustomerID	Yes	NCHAR	VINET	Not applicable
OrderDate	Yes	Date	2021-01-04	Not applicable
RequiredDate	Yes	Date	2021-02-01	Not applicable
ShippedDate	Yes	Date	2021-01-16	Not applicable
Freight	Yes	Decimal	32.38	Not applicable
ShipName	Yes	NVARCHAR	Vins et alcools Chevalier	Not applicable
ShipAddress	Yes	NVARCHAR	59 rue de l'Abbaye	Not applicable
ShipCity	Yes	NVARCHAR	Reims	Not applicable
ShipRegion	Yes	NVARCHAR	FRA	Not applicable
ShipPostalCode	Yes	NVARCHAR	511000	Not applicable
ShipCountry	Yes	NVARCHAR	France	Not applicable

The Order Details table contains the following columns.

Name	Is nullable	Data type	Example value	Key
ProductID	No	Int	11	Primary key
ProductName	No	NVARCHAR	Queso Cabrales	Not applicable
SupplierID	Yes	Int	5	Foreign key to Suppliers
CategoryID	Yes	Int	4	Foreign key to Categories
QuantityPerUnit	Yes	NVARCHAR	1 kg pkg.	Not applicable
Discontinued	No	Bit	0	Not applicable

The address in the Orders table is the shipping address, which can differ from the billing address.

The Products table contains the following columns.

Name	Is nullable	Data type	Example value	Key
ProductID	No	Int	11	Primary key
ProductName	No	NVARCHAR	Queso Cabrales	Not applicable
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CategoryID	Yes	Int	4	Foreign key to Categories
QuantityPerUnit	Yes	NVARCHAR	1 kg pkg.	Not applicable
Discontinued	No	Bit	0	Not applicable

The Categories table contains the following columns.

Name	Is nullable	Data type	Example value	Key
CategoryID	No	int	4	Primary key
CategoryName	No	nvarchar	Dairy Products	Not applicable
Description	Yes	nvarchar	Cheeses	Not applicable

The Suppliers table contains the following columns.

Name	Is nullable	Data type	Example value	Key
SupplierID	No	Int	5	Primary key
CompanyName	No	NVARCHAR	Cooperativa de Quesos 'Las Cabras'	Not applicable
Address	Yes	NVARCHAR	Calle del Rosal 4	Not applicable
City	Yes	NVARCHAR	Oviedo	Not applicable
Region	Yes	NVARCHAR	Asturias	Not applicable
PostalCode	Yes	NVARCHAR	33007	Not applicable
Country	Yes	NVARCHAR	Spain	Not applicable
Phone	Yes	NVARCHAR	(98) 598 76 54	Not applicable

The Sales Employees table contains the following columns.

Name	Is nullable	Data type	Example value	Key
EmployeeID	No	Int	1	Primary key
LastName	No	NVARCHAR	Davolio	Not applicable
FirstName	No	NVARCHAR	Nancy	Not applicable
Title	Yes	NVARCHAR	Sales Representative	Not applicable
HireDate	Yes	Date	2015-02-01	Not applicable
Region	Yes	NVARCHAR	WA	Not applicable
Country	Yes	NVARCHAR	USA	Not applicable
EmailAddress	No	NVARCHAR	ndavolio@northwindtraders.com	Not applicable

Each employee in the Sales Employees table is assigned to one sales region. Multiple employees can be assigned to each region.

Requirements. Report Requirements

Northwind Traders requires the following reports:

Top Products

Top Customers

On-Time Shipping

The Top Customers report will show the top 20 customers based on the highest sales amounts in a selected order month or quarter, product category, and sales region.

The Top Products report will show the top 20 products based on the highest sales amounts sold in a selected order month or quarter, sales region, and product category. The report must also show which suppliers provide the top products.

The On-Time Shipping report will show the following metrics for a selected shipping month or quarter:

The percentage of orders that were shipped late by country and shipping region

Customers that had multiple late shipments during the last quarter

Northwind Traders defines late orders as those shipped after the required shipping date.

The warehouse shipping department must be notified if the percentage of late orders within the current month exceeds 5%.

The reports must show historical data for the current calendar year and the last three calendar years.

Requirements. Technical Requirements

Northwind Traders identifies the following technical requirements:

A single dataset must support all three reports.

The reports must be stored in a single Power BI workspace.

Report data must be current as of 7 AM Pacific Time each day.

The reports must provide fast response times when users interact with a visualization.

The data model must minimize the size of the dataset as much as possible, while meeting the report requirements and the technical requirements.

Requirements. Security Requirements

Access to the reports must be granted to Azure Active Directory (Azure AD) security groups only. An Azure AD security group exists for each department.

The sales department must be able to perform the following tasks in Power BI:

Create, edit, and delete content in the reports.

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Publish, unpublish, update, and change the permissions for an app.

Assign Azure AD groups role-based access to the reports workspace.

Users in the sales department must be able to access only the data of the sales region to which they are assigned in the Sales Employees table.

Power BI has the following row-level security (RLS) Table filter DAX expression for the Sales Employees table.

[EmailAddress] = USERNAME()

RLS will be applied only to the sales department users. Users in all other departments must be able to view all the data.

Question

HOTSPOT -

You need to create a measure that will return the percentage of late orders.

How should you complete the DAX expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Late Orders Percent =

VAR OrderCount =

COUNTROWS ('Orders')

VAR LateOrders =

SUM
COUNTX
CALCULATE
CALCULATETABLE

COUNTROWS ('Orders'),

FILTER
ALLEXCEPT
CALCULATE
DATESBETWEEN

(Order,

Orders[OrderDate] > Orders[RequiredDate]
Orders[ShippedDate] >= Orders[OrderDate]
Orders[ShippedDate] < Orders[RequiredDate]
Orders[ShippedDate] > Orders[RequiredDate]

)

RETURN

DIVIDE (LateOrders, OrderCount)

Correct Answer:

Answer Area

Late Orders Percent =

VAR OrderCount =

COUNTROWS ('Orders')

VAR LateOrders =

SUM
COUNTX
CALCULATE
CALCULATETABLE

COUNTROWS ('Orders'),

FILTER
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(Order,

Orders[OrderDate] > Orders[RequiredDate]
Orders[ShippedDate] >= Orders[OrderDate]
Orders[ShippedDate] < Orders[RequiredDate]
Orders[ShippedDate] > Orders[RequiredDate]

)

RETURN

DIVIDE (LateOrders, OrderCount)

Box 1: CALCULATE -

CALCULATE evaluates an expression in a modified filter context.

Syntax: CALCULATE(<expression>[, <filter1> [, <filter2> [, <λ€!]]])

Expression - The expression to be evaluated.

filter1, filter2,λ€! (Optional) Boolean expressions or table expressions that defines filters, or filter modifier functions.

Box 2: FILTER -

FILTER returns a table that represents a subset of another table or expression.

Syntax: FILTER(<table>,<filter>)

Table- The table to be filtered. The table can also be an expression that results in a table.

Filter - A Boolean expression that is to be evaluated for each row of the table. For example, [Amount] > 0 or [Region] = "France"

Box 3: Orders[ShippedDate]> Orders[RequiredDate]

Northwind Traders defines late orders as those shipped after the required shipping date.

Reference:

<https://docs.microsoft.com/en-us/dax/calculate-function-dax>

<https://docs.microsoft.com/en-us/dax/filter-function-dax>

🗨️ 👤 **HaliBrickclay** Highly Voted 4 months, 4 weeks ago

yes its correct.

upvoted 17 times

🗨️ 👤 **TL0287** Highly Voted 5 months, 1 week ago

Provided answers seem correct.

upvoted 7 times

🗨️ 👤 **Shan** Most Recent 2 months ago

In exam 30/12/21

upvoted 1 times

🗨️ 👤 **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

🗨️ 👤 **joy0523** 4 months ago

On exam 5/11/2021

upvoted 1 times

🗨️ 👤 **SnaP891111** 4 months, 1 week ago

why not all except and `Orders[ShippedDate] < Orders[RequiredDate]`?

upvoted 1 times

🗨️ 👤 **robingn0812** 4 months ago

because if you use AllExcept then you will need a columnname for an answer , not a filter expression

upvoted 1 times

🗨️ 👤 **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 1 times

🗨️ 👤 **aet1988** 4 months, 3 weeks ago

Did you try to cheat?

upvoted 2 times

Introductory Info

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4	AROUT	Around the Horn	120 Hanover Sq.	London	UK	WA1 1DP	UK	(171) 555-7788
5	BERGS	Berglunds snabbköp	Berguvsvägen 8	Luleå	SWE	S-958 22	Sweden	0921-12 34 65
6	BLAUS	Blauer See Delikatessen	Forsterstr. 57	Mannheim	DE	68306	Germany	0621-08460
7	BLONP	Blondesdsi père et fils	24, place Kléber	Strasbourg	FRA	67000	France	88.60.15.31
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All the fields in Source2 are mandatory.

The Address column in Customer Details is the billing address, which can differ from the shipping address.

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Source1 contains the following table:

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Products

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Categories

Order Details

Sales Employees

The Orders table contains the following columns.

Name	Is nullable	Data type	Example value	Key
OrderID	No	Int	10248	Primary key
CustomerID	Yes	NCHAR	VINET	Not applicable
OrderDate	Yes	Date	2021-01-04	Not applicable
RequiredDate	Yes	Date	2021-02-01	Not applicable
ShippedDate	Yes	Date	2021-01-16	Not applicable
Freight	Yes	Decimal	32.38	Not applicable
ShipName	Yes	NVARCHAR	Vins et alcools Chevalier	Not applicable
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ShipCity	Yes	NVARCHAR	Reims	Not applicable
ShipRegion	Yes	NVARCHAR	FRA	Not applicable
ShipPostalCode	Yes	NVARCHAR	511000	Not applicable
ShipCountry	Yes	NVARCHAR	France	Not applicable

The Order Details table contains the following columns.

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Description	Yes	nvarchar	Cheeses	Not applicable

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Region	Yes	NVARCHAR	Asturias	Not applicable
PostalCode	Yes	NVARCHAR	33007	Not applicable
Country	Yes	NVARCHAR	Spain	Not applicable
Phone	Yes	NVARCHAR	(98) 598 76 54	Not applicable

The Sales Employees table contains the following columns.

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EmployeeID	No	Int	1	Primary key
LastName	No	NVARCHAR	Davolio	Not applicable
FirstName	No	NVARCHAR	Nancy	Not applicable
Title	Yes	NVARCHAR	Sales Representative	Not applicable
HireDate	Yes	Date	2015-02-01	Not applicable
Region	Yes	NVARCHAR	WA	Not applicable
Country	Yes	NVARCHAR	USA	Not applicable
EmailAddress	No	NVARCHAR	ndavolio@northwindtraders.com	Not applicable

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[EmailAddress] = USERNAME()

RLS will be applied only to the sales department users. Users in all other departments must be able to view all the data.

Question

HOTSPOT -

You need to create a relationship in the dataset for RLS.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Create a relationship between the Sales Employees table and the

one-to-one
one-to-many
many-to-one
many-to-many

Orders table
Suppliers table
Order Details table
Customer Details worksheet

Correct Answer:

Answer Area

Create a relationship between the Sales Employees table and the

one-to-one
one-to-many
many-to-one
many-to-many

Orders table
Suppliers table
Order Details table
Customer Details worksheet

Box 1: many-to-one -

Each employee in the Sales Employees table is assigned to one sales region. Multiple employees can be assigned to each region.

The Suppliers table has a Region column.

Box 2: Suppliers table

AdsAdsAds Highly Voted 4 months, 1 week ago

Firstly, they are SALES employees and always report from Sales Performance perspective against Customer Orders, therefore there is no reason to create the relationship to Supplier Details. Many to Many Relationships create issues in the model, so the only reasonable suggestion here is to create many to one relationship from Employee to Customer Details worksheet. Customer Details Worksheet can create relationship to Order table (CRM customer ID & Customer ID), which then allows to filter order table against Sales Employee.

upvoted 15 times

TL0287 Highly Voted 5 months, 1 week ago

Shouldn't it be many-to-many and with the customer details table? The example value in the Region field of the Supplier table doesn't look like the example value of the Region field in the employee table.

upvoted 15 times

jesusdax 3 months, 3 weeks ago

The correct answer is MANY-MANY, Customer Details table. Brief states "Each employee in the Sales Employees table is assigned to one sales region", so Several Employees can belong to a single region, making it NOT UNIQUE -> Many-Many.

upvoted 10 times

IvyS 5 months ago

I agree. This answer looks wired. The sales Employee region looks more like the region marked in customer table and order table.

upvoted 3 times

IvyS 5 months ago

moreover, the supplier region is not a unique value as well, it can not be many to one relationship

upvoted 5 times

Anuki Most Recent 1 month ago

I think the answer is Many to one Customer Details table. One or several sales employees can be assigned to one region. With customer ID then you can filter data in Orders with Region. Since a sales employee should see only his region and therefore orders filtered by regions.

upvoted 1 times

Esther_PowerBI 1 month, 1 week ago

Supplier -> both tables have column Region, and the values of them are similar.

Many to many -> Several suppliers can belong to a Region. Several Employees can have the same Region.

upvoted 1 times

Esther_PowerBI 1 month ago

I was wrong, the table would be 'Customer Details' that it has similar values for Region column. And many to many relationship.

upvoted 3 times

Meyti 2 months ago

I think it should be correct.

For each region could be more than one employee, but each employee could belong to just one region, thereby many-to-one could be correct.

upvoted 1 times

Meyti 2 months ago

oh, I found my mistake, the region in the supplier table might not be unique. Then many-to-many should be correct

upvoted 1 times

🗨️ **rrrrrrrrrrr** 2 months ago

The only reasonable option, which brings every customer from a specific region into the visibility of the sales employee is the following:

1. Many to many
2. Customer Details worksheet

The whole remaining part of the data model will bring the right visibility based on the relationships.

upvoted 3 times

🗨️ **rrrrrrrrrrr** 2 months ago

Just to add: the relationship will be based on the Region column.

upvoted 1 times

🗨️ **PatrickStr** 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

🗨️ **Merinder** 3 months, 3 weeks ago

However, the example value in the Region field of the customer details table doesn't look like the example value of the Region field in the employee table, either. Have a look at Spain: SPN (short for Spain) vs. Asturias (a region in Spain).

upvoted 2 times

🗨️ **sna4** 4 months, 1 week ago

Is it possible to create relation to worksheet? Seems not, hence its not an option.

upvoted 1 times

🗨️ **jesudax** 3 months, 3 weeks ago

A relationship would be to the imported table CustomerDetails, not to the worksheet itself. So YES, it is possible. Not saying that it's the reason for the answer to be right or wrong.

upvoted 1 times

🗨️ **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21

upvoted 2 times

🗨️ **lhueghian** 4 months, 3 weeks ago

My thought, I agree with the answer:

Supplier Table is the only table with the column Region that can relate to Sales Employees, "Users in the sales department must be able to access only the data of the sales region to which they are assigned in the Sales Employees table."

Many to one because they can be many sales Employee in one Region and a Sales Employee can't belong to many Regions "Each employee in the Sales Employees table is assigned to one sales region. Multiple employees can be assigned to each region."

upvoted 4 times

🗨️ **ChangD** 4 months, 3 weeks ago

How about Employee and Customer Details worksheet?

upvoted 2 times

🗨️ **Warius** 5 months, 1 week ago

shouldn't it be one to many?

upvoted 4 times

🗨️ **HaliBrickclay** 5 months, 1 week ago

this is correct answer.

upvoted 2 times

🗨️ **HaliBrickclay** 4 months, 4 weeks ago

Sorry i overlooked , there should be many to many base on sales.Region and Order.ShipRegion column

upvoted 5 times

🗨️ **ihustle** 3 months, 3 weeks ago

Sales region is not related to order shipped region.

upvoted 1 times

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Overview -

Litware, Inc. is an online retailer that uses Microsoft Power BI dashboards and reports.

The company plans to leverage data from Microsoft SQL Server databases, Microsoft Excel files, text files, and several other data sources.

Litware uses Azure Active Directory (Azure AD) to authenticate users.

Existing Environment -

Sales Data -

Litware has online sales data that has the SQL schema shown in the following table.

Table name	Column name	Data type
Sales_Region	region_id	Integer
	name	Varchar
Region_Manager	region_id	Integer
	manager_id	Integer
Sales_Manager	sales_manager_id	Integer
	name	Varchar
	username	Varchar
Sales	sales_id	Integer
	sales_date_id	Integer
	sales_amount	Floating
	customer_id	Integer
	sales_ship_date_id	Integer
	region_id	Varchar
Customer_Date	customer_id	Integer
	first_name	Varchar
	last_name	Varchar
Date	date_id	Integer
	date	Date
	month	Integer
	week	Integer
	year	Integer
Weekly_Returns	week_id	Integer
	total_returns	Floating
	sales_region_id	Varchar
Targets	target_id	Integer
	sales_target	Decimal
	date_id	Integer
	region_id	Integer

In the Date table, the date_id column has a format of yyyyymmdd and the month column has a format of yyyyymm.

The week column in the Date table and the week_id column in the Weekly_Returns table have a format of yyyyww.

The sales_id column in the Sales table represents a unique transaction.

The region_id column can be managed by only one sales manager.

Data Concerns -

You are concerned with the quality and completeness of the sales data. You plan to verify the sales data for negative sales amounts.

Reporting Requirements -

Litware identifies the following technical requirements:

Executives require a visual that shows sales by region.

Regional managers require a visual to analyze weekly sales and returns.

Sales managers must be able to see the sales data of their respective region only.

The sales managers require a visual to analyze sales performance versus sales targets.

The sale department requires reports that contain the number of sales transactions.

Users must be able to see the month in reports as shown in the following example: Feb 2020.

The customer service department requires a visual that can be filtered by both sales month and ship month independently.

Question

HOTSPOT -

You need to create a visualization to meet the reporting requirements of the sales managers.

How should you create the visualization? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Visualization type:	<table border="1"><tr><td></td><td>▼</td></tr><tr><td colspan="2">Card</td></tr><tr><td colspan="2">Donut chart</td></tr><tr><td colspan="2">Gauge</td></tr><tr><td colspan="2">Key influencers</td></tr><tr><td colspan="2">KPI</td></tr></table>		▼	Card		Donut chart		Gauge		Key influencers		KPI	
	▼												
Card													
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KPI													
Indicator:	<table border="1"><tr><td></td><td>▼</td></tr><tr><td colspan="2">Date[month]</td></tr><tr><td colspan="2">Sales[sales_amount]</td></tr><tr><td colspan="2">Sales[sales_id]</td></tr><tr><td colspan="2">Targets[sales_target]</td></tr><tr><td colspan="2">Weekly_Returns[total_returns]</td></tr></table>		▼	Date[month]		Sales[sales_amount]		Sales[sales_id]		Targets[sales_target]		Weekly_Returns[total_returns]	
	▼												
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Answer Area

Correct Answer:

Visualization type:

Card
Donut chart
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Key influencers
KPI

Indicator:

Date[month]
Sales[sales_amount]
Sales[sales_id]
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Date[month]
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Target goals:

Date[month]
Sales[sales_amount]
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Scenario: The sales managers require a visual to analyze sales performance versus sales targets.

Box 1: KPI -

A Key Performance Indicator (KPI) is a visual cue that communicates the amount of progress made toward a measurable goal.

Box 2: Sales[sales_amount]

Box 3: Date[month]

Time > FiscalMonth. This value will represent the trend.

Box 4: Targets[sales_target]

Reference:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-kpi>

 **Rahul0222** Highly Voted 11 months, 3 weeks ago

- 1.KPI
 - 2.Sales[sales_amount]
 - 3.Date[month]
 - 4.Target[sales]
- upvoted 58 times

 **DeathCaliberKnight** Highly Voted 10 months, 1 week ago


answer is correct
upvoted 6 times

 **jakup123** Most Recent 9 months, 3 weeks ago

C is Date month because "Users must be able to see the month in reports as shown in the following example: Feb 2020."
upvoted 4 times

 **geky123** 7 months, 2 weeks ago

Correct for the use of Date, but the quote is unrelated to the current question.
upvoted 1 times

 **geky123** 7 months, 2 weeks ago

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-kpi>
upvoted 1 times

 **msh600** 9 months, 3 weeks ago

I don't get why is it's 3. Date month. It says they want to see it per week right?
upvoted 1 times

 **jakup123** 9 months, 3 weeks ago

C is Date month because "Users must be able to see the month in reports as shown in the following example: Feb 2020."
upvoted 1 times

🗨️ 👤 **DaveLen** 10 months, 3 weeks ago

Gauge is also possible

upvoted 3 times

🗨️ 👤 **snnelo07** 9 months ago

c'est pas la jauge parce que tous les indicateurs demandés correspondent à un KPI (indicateur, axe de tendance et objectif de la cible)

upvoted 4 times

🗨️ 👤 **DaveLen** 10 months, 3 weeks ago

pl ignore my comment. gauge doesn't have trend

upvoted 5 times

🗨️ 👤 **aclacl** 11 months ago

The answer is correct

upvoted 3 times

🗨️ 👤 **lyniguez** 11 months, 3 weeks ago

This is correct

upvoted 3 times

🗨️ 👤 **EllenW** 11 months, 3 weeks ago

The Answer is correct

upvoted 3 times

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Overview -

Litware, Inc. is an online retailer that uses Microsoft Power BI dashboards and reports.

The company plans to leverage data from Microsoft SQL Server databases, Microsoft Excel files, text files, and several other data sources.

Litware uses Azure Active Directory (Azure AD) to authenticate users.

Existing Environment -

Sales Data -

Litware has online sales data that has the SQL schema shown in the following table.

Table name	Column name	Data type
Sales_Region	region_id	Integer
	name	Varchar
Region_Manager	region_id	Integer
	manager_id	Integer
Sales_Manager	sales_manager_id	Integer
	name	Varchar
	username	Varchar
Sales	sales_id	Integer
	sales_date_id	Integer
	sales_amount	Floating
	customer_id	Integer
	sales_ship_date_id	Integer
	region_id	Varchar
Customer_Date	customer_id	Integer
	first_name	Varchar
	last_name	Varchar
Date	date_id	Integer
	date	Date
	month	Integer
	week	Integer
	year	Integer
Weekly_Returns	week_id	Integer
	total_returns	Floating
	sales_region_id	Varchar
Targets	target_id	Integer
	sales_target	Decimal
	date_id	Integer
	region_id	Integer

In the Date table, the date_id column has a format of yyyyymmdd and the month column has a format of yyyyymm.

The week column in the Date table and the week_id column in the Weekly_Returns table have a format of yyyyww.

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Question

HOTSPOT -

You need to create a KPI visualization to meet the reporting requirements of the sales managers.

How should you create the visualization? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Indicator:

	▼
Date[month]	
Sales[sales_amount]	
Sales[sales_id]	
Targets[sales_target]	
Weekly_Returns[total_returns]	

Trend axis:

	▼
Date[month]	
Sales[sales_amount]	
Sales[sales_id]	
Targets[sales_target]	
Weekly_Returns[total_returns]	

Target goals:

	▼
Date[month]	
Sales[sales_amount]	
Sales[sales_id]	
Targets[sales_target]	
Weekly_Returns[total_returns]	

Answer Area

Correct Answer:

Indicator:

	▼
Date[month]	
Sales[sales_amount]	
Sales[sales_id]	
Targets[sales_target]	
Weekly_Returns[total_returns]	

Trend axis:

	▼
Date[month]	
Sales[sales_amount]	
Sales[sales_id]	
Targets[sales_target]	
Weekly_Returns[total_returns]	

Target goals:

	▼
Date[month]	
Sales[sales_amount]	
Sales[sales_id]	
Targets[sales_target]	
Weekly_Returns[total_returns]	

Scenario: The sales managers require a visual to analyze sales performance versus sales targets.

Box 1: Sales[sales_amount]

Box 2: Date[month]

Time > FiscalMonth. This value will represent the trend.

Box 3: Targets[sales_target]

Reference:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-kpi>

  **EllenW** Highly Voted  11 months, 3 weeks ago

The answer is correct
upvoted 34 times

  **Shan** Most Recent  2 months ago


In exam 30/12/21
upvoted 1 times

  **aguilartu1** 3 months, 3 weeks ago

on exam - Nov 11, 2021.
my answers:
Sales[sales_amount]
Date[Month]
Targets[Sales_target]
upvoted 2 times

  **kcwood94** 4 months, 3 weeks ago

On exam 10/14/21
upvoted 1 times

  **mirex** 8 months, 3 weeks ago

answer is correct
sales amount
date (month)
target (sales_target)
upvoted 2 times

Topic 14 - Testlet 8

Introductory Info

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Overview -

Contoso, Ltd. is a manufacturing company that produces outdoor equipment. Contoso has quarterly board meetings for which financial analysts manually prepare

Microsoft Excel reports, including profit and loss statements for each of the company's four business units, a company balance sheet, and net income projections for the next quarter.

Existing Environment -

Data and Sources -

Data for the reports comes from three sources. Detailed revenue, cost, and expense data comes from an Azure SQL database. Summary balance sheet data comes from Microsoft Dynamics 365 Business Central. The balance sheet data is not related to the profit and loss results, other than they both relate to dates.

Monthly revenue and expense projections for the next quarter come from a Microsoft SharePoint Online list. Quarterly projections relate to the profit and loss results by using the following shared dimensions: date, business unit, department, and product category.

Net Income Projection Data -

Net income projection data is stored in a SharePoint Online list named Projections in the format shown in the following table.

MonthStartDate	Projection type	ProductCategory	Department	Projection
1-Apr-20	Revenue	Bikes	N/A	200,000
1-Apr-20	Revenue	Components	N/A	250,000
1-Apr-20	Revenue	Clothing	N/A	300,000
1-Apr-20	Revenue	Accessories	N/A	150,000
1-May-20	Revenue	Bikes	N/A	200,000
1-May-20	Revenue	Components	N/A	250,000
1-Apr-20	Expense	Bikes	Bike Manufacture	50,000
1-Apr-20	Expense	Bikes	Bike Sales	3,333

Revenue projections are set at the monthly level and summed to show projections for the quarter.

Balance Sheet Data -

The balance sheet data is imported with final balances for each account per month in the format shown in the following table.

AccountCategory	Account	Month	Year	BalanceAmount
Current assets	Cash and cash equivalents	3	2020	20,289
Current assets	Inventories	3	2020	4,855
Long-term liabilities	Long-term debt	3	2020	50,207
Current assets	Cash and cash equivalents	2	2020	28,209
Current assets	Inventories	2	2020	5,845
Long-term liabilities	Long-term debt	2	2020	49,887
Current assets	Cash and cash equivalents	1	2020	25,567
Current assets	Inventories	1	2020	65,998
Long-term liabilities	Long-term debt	1	2020	46,124

There is always a row for each account for each month in the balance sheet data.

Dynamics 365 Business Central Data

Business Central contains a product catalog that shows how products roll up to product categories, which roll up to business units.

Revenue data is provided at the date and product level. Expense data is provided at the date and department level.

Business Issues -

Historically, it has taken two analysts a week to prepare the reports for the quarterly board meetings. Also, there is usually at least one issue each quarter where a value in a report is wrong because of a bad cell reference in an Excel formula. On occasion, there are conflicting results in the reports because the products and departments that roll up to each business unit are not defined consistently.

Requirements -

Planned Changes -

Contoso plans to automate and standardize the quarterly reporting process by using Microsoft Power BI. The company wants to how long it takes to populate reports to less than two days. The company wants to create common logic for business units, products, and departments to be used across all reports, including, but not limited, to the quarterly reporting for the board.

Technical Requirements -

Contoso wants the reports and datasets refreshed with minimal manual effort.

The company wants to provide a single package of reports to the board that contains custom navigation and links to supplementary information.

Maintenance, including manually updating data and access, must be minimized as much as possible.

Security Requirements -

The reports must be made available to the board from powerbi.com. An Azure Active Directory group will be used to share information with the board.

The analysts responsible for each business unit must see all the data the board sees, except the profit and loss data, which must be restricted to only their business unit's data. The analysts must be able to build new reports from the dataset that contains the profit and loss data, but any reports that the analysts build must not be included in the quarterly reports for the board. The analysts must not be able to share the quarterly reports with anyone.

Report Requirements -

You plan to relate the balance sheet to a standard date table in Power BI in a many-to-one relationship based on the last day of the month. At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.

Projections must contain a column named RevenueProjection that contains the revenue projection amounts. A relationship must be created from Projections to a table named Date that contains the columns shown in the following table.

Name	Data type	Example
Date	Date	4-Apr-2020
Month	Integer	20,2004
Month Name	Text	February
Quarter	Integer	20,202
Year	Integer	2,020

The definitions and attributes of products, departments, and business units must be consistent across all reports.

The board must be able to get the following information from the quarterly reports:

Revenue trends over time

Ending balances for each account

A comparison of expenses versus projections by quarter

Changes in long-term liabilities from the previous quarter

A comparison of quarterly revenue versus the same quarter during the prior year

Question

DRAG DROP -

You need to create a DAX measure in the data model that only allows users to see projections at the appropriate level of granularity.

How should you complete the measure? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Values	Answer Area
AND	Total Projected Revenue =
IF	(
ISFILTERED	NOT (('Date' [Date])),
KEEPFILTERS	(Projection[Revenue Projection])
SUM)
SUMX	

Correct Answer:

Values	Answer Area
AND	Total Projected Revenue =
IF	IF (
ISFILTERED	NOT (ISFILTERED ('Date' [Date])),
KEEPFILTERS	SUM (Projection[Revenue Projection])
SUM)
SUMX	

Scenario: Revenue projections are set at the monthly level and summed to show projections for the quarter.

Box 1: IF -

Box 2: ISFILTERED -
ISFILTERED returns TRUE when columnName is being filtered directly. If there is no filter on the column or if the filtering happens because a different column in the same table or in a related table is being filtered then the function returns FALSE.

Box 3: SUM -

Reference:
<https://docs.microsoft.com/en-us/dax/isfiltered-function-dax>

- DeathCaliberKnight** Highly Voted 10 months, 2 weeks ago
answer is correct
upvoted 25 times
- NargesRokni** Highly Voted 4 months, 2 weeks ago
I really didn't understand the wuestion well!
upvoted 6 times
- nowwin** Most Recent 5 months, 1 week ago
question in exam on 18th September
upvoted 4 times
- lhueghian** 4 months, 2 weeks ago
Same 16/10
upvoted 1 times
- DeathCaliberKnight** 10 months, 1 week ago
we only use keepfilters with calculate functions so yep just saying
upvoted 4 times
- Pombo** 9 months, 2 weeks ago
<https://docs.microsoft.com/pt-pt/dax/keepfilters-function-dax>
upvoted 2 times
- patsql** 1 year ago
Shouldn't this formula use SUMX as there is no CALCULATE to iterate?
upvoted 2 times
- Harmoniek** 1 year ago
SUMX uses table name as an argument not just column name as shown in the question
upvoted 5 times
- CDL** 1 year, 2 months ago



correct Ans.

becoz:

1, if (ABC, abc) -> if ABC is true, then return abc.

2, ISFILTERED --> Returns TRUE when columnName is "being filtered " directly.

Table 'Date' is a dimension table, usually proactively acting as a filter to others (eg: group by [Date]) to aggregate "fact" table 's column.
upvoted 3 times

  **CDL** 1 year, 2 months ago

Let me break it down a little bit.

We need “not(isfilter(xx)” TRUE, and then ISFILTER must be a FALSE.

Which means whatsoever inside the ISFILTER must be a “dimension table”, cannot act as a “fact” table to be filter by others to get some aggregated data (eg: “sum, count, min, max, etc...”).

upvoted 5 times

  **Lhouss** 1 year, 3 months ago

Agree with solution as a calculation at date (day) level doesn't make sense in this context.

upvoted 1 times

  **Talkabout_Me** 1 year, 4 months ago

DAX has to make use of some conditionality so as to restrict user view of projections.

so the DAX will be

IF-----KEEPFILTERS----SUM

upvoted 1 times

  **sosokii** 1 year, 4 months ago

it's ISFILTERED because it will returns boolean (if it's not isfiltered give me the total), KEEP FILTERS returns a table

upvoted 35 times

  **medenka** 1 year, 3 months ago

Isn't it just the very opposite?

<https://docs.microsoft.com/en-us/power-bi/guidance/dax-avoid-avoid-filter-as-filter-argument>

upvoted 1 times

  **tamin** 1 year, 1 month ago

KEEPFILTERS works only with CALCULATE or CALCULATETABLE. So, it has no sense in this DAX.

ISFILTERED is correct due to if we are not filtering by Date we suppose the filters are Year, Quarter or Month so, we have to accumulate Revenue Projection

upvoted 4 times

  **DeathCaliberKnight** 10 months, 2 weeks ago

agreed with tamin

upvoted 1 times

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Year	Integer	2,020

The definitions and attributes of products, departments, and business units must be consistent across all reports.

The board must be able to get the following information from the quarterly reports:

Revenue trends over time

Ending balances for each account

A comparison of expenses versus projections by quarter

Changes in long-term liabilities from the previous quarter

A comparison of quarterly revenue versus the same quarter during the prior year

Question

Which two types of visualizations can be used in the balance sheet reports to meet the reporting goals? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a line chart that shows balances by quarter filtered to account categories that are long-term liabilities.
- B. a clustered column chart that shows balances by date (x-axis) and account category (legend) without filters.
- C. a clustered column chart that shows balances by quarter filtered to account categories that are long-term liabilities.
- D. a pie chart that shows balances by account category without filters.
- E. a ribbon chart that shows balances by quarter and accounts in the legend.

  **CDL** Highly Voted 1 year, 2 months ago

BS is required to report by quarter. B is incorrect.

BS all accounts are showing ending balance, and assets = liabilities + equity, D is incorrect.

A or C? the only difference is line chart vs. cluster column chart? The Board wanna see the change of long-term liabilities. Here I will go with A, line chart is perfect to observe a trend over a period of time (short or long), column chart is good for various categories (product). E is correct.

Ref:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-types-for-reports-and-q-and-a>

Hence, A + E.

upvoted 41 times

  **puttybi** 1 year, 1 month ago

I think A & C. Look at the description for E: "You can create ribbon charts to visualize data, and quickly discover which data category has the highest rank (largest value). Ribbon charts are effective at showing rank change, with the highest range (value) always displayed on top for each time period." Ref: <https://docs.microsoft.com/en-us/power-bi/visuals/desktop-ribbon-charts>

upvoted 8 times

  **TdB** 1 year ago

BS is not per se required to report per quarter. It states: "At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter". Hence A + B. C is incorrect because a clustered column chart filtered by only one category makes no sense. A ribbon chart is meant for rank changes, not relevant here.

upvoted 6 times

  **Lhous** Highly Voted 1 year, 3 months ago


For me A & E:

A: line chart to show changes by quarter on long-term liabilities filtered already in the visual

E: ribbon chart to show balances by quarters and Accounts in legends (we can highlight long-term liabilities and see the changes also here)

For those who said C, there is no need to clustered column chart as we have only one Value to present which is Balance.

upvoted 25 times

  **PSidana** 1 year, 1 month ago

I think it should C because it is mention in the requirements that users should be able to compare quarterly data. And the comparison is better with a column chart.

upvoted 8 times

  **TerrancePythonJava** Most Recent 1 month, 1 week ago

I choose A & C


upvoted 3 times

  **ezinap** 5 months, 3 weeks ago

E, it is the only option with the account column in a visual.

C, because the requirement is comparison, not trend (trend is wanted with revenue).

upvoted 1 times

  **maarten98** 3 months, 3 weeks ago



One of the requirements is literally 'trend over time'.

upvoted 1 times

  **AlterSchwede** 7 months, 3 weeks ago

C, E. E is the only option that meets the req for ending balances for each account. A would have the info on liabilities change between latest and last quarter, but wouldn't be as easy to see the changes as a column chart if each cluster were for each account category. (2 columns in each cluster)

upvoted 2 times

  **Massy** 8 months, 2 weeks ago

both A and C say "... to account categories that are long-term liabilities". We want to see all accounts, not only which that are long-term liabilities. So for me the answers are D (ending balances accounts comparison) and E (comparison over time)

upvoted 1 times

  **Canary_2021** 8 months, 2 weeks ago

Balance report requirement:

- 1.You plan to relate the balance sheet to a standard date table in Power BI in a many-to-one relationship based on the last day of the month.
- 2.At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.

Only C can realize the second requirements, list the ending balances for the quarter, as well as for the previous quarter. So C has to be selected.

upvoted 1 times

  **Teodora131** 9 months ago

Shouldn't it be A + E because the board wants to see both:

Ending balances for each account

Changes in long-term liabilities from the previous quarter

A+C gives the same information (only for long-term liabilities) but there are also other accounts.

Please, correct me if I'm wrong.

upvoted 1 times

🗨️ **holySinner** 10 months ago

I guess we can strike down A and C right away because of its focus on long term liabilities and we don't have any such requirement. Management would be first interested to see latest balance sheet and for that we have two options in answers Clustered column chart or Pie chart; I will go for pie chart. For comparison to previous quarters we can use ribbon chart which is the only choice left. So my answer is DE.

upvoted 2 times

🗨️ **holySinner** 10 months ago

sorry for reading the requirements properly, here I go again. For showing balances of each account no option but pie chart suits. So I will stick to D. With the filtered line chart we can't show revenue trends so A is not possible. With clustered column chart with account category we can't show expense projections, so B wouldn't work. option C has the same problem as option A. so my answer is still DE.

upvoted 3 times

🗨️ **DeathCaliberKnight** 10 months, 2 weeks ago

its A and E , A for trend and E for comparison example : highest vs lowest

upvoted 5 times

🗨️ **madrid99** 1 year ago

A & B, as clustered columns are not useful with only one category (C), and E is not ordered in time sequence to compare same periods. B is montly as this is the balancesheet granularity, but still allows to see the quarter data easily. Well, if you don't want montly data, then go for A & E.

upvoted 1 times

🗨️ **madrid99** 1 year ago

I'll finally go for A & E, although I still think E is not a good visualization for this case, but in fact the time sequence is preserved.

upvoted 4 times

🗨️ **Shan** 1 year, 1 month ago

C & E to me.. A is not possible because line graph shows contineous trend.. In ballance sheet we are comparing quarterly ballances and liabilities

upvoted 3 times

🗨️ **Moshekwa** 10 months ago

It cannot be C.. Its A because we are showing trends over a period of time.

upvoted 1 times

🗨️ **APD** 1 year, 1 month ago

A&C sounds correct. Not E because ribbon chart shows ranks and the team isn't interested in ranks. Pie chart would make somewhat sense but no one displays balances in terms of pie chart.

upvoted 5 times

🗨️ **Taddi10** 1 year, 2 months ago

Should be A & E:

A : Changes in long-term liabilities from the previous quarter

E: Ending balances for each account

upvoted 12 times

🗨️ **chakri007** 1 year, 3 months ago

C & D should do the job.

For change in LT liabilities from prev quarter, a Clustered Col chart is right. A Line chart may not be good to display just 2 data points (quarters) To display the Ending balances of all accounts, a simple Pie chart is only the valid option available. The requirement is to display the balances at the end of that quarter, not the comparison with other quarters. The other 4 options display either by quarter or by date which is not required for this.

upvoted 4 times

🗨️ **jerryl** 1 year, 1 month ago

ribbon chart aims to present in terms of ranking, so i think it cant really present well for the change of account over time (imagine if an account has swapped rankings across quarters, you may not be easily to visualize the change/difference)

answer to pie chart sounds reasonable but it seems strange to present account balance in terms of pie chart, so I have doubt in that

upvoted 1 times

🗨️ **Amy_Y** 1 year, 3 months ago

C & E?

upvoted 6 times

🗨️ **remcovs** 1 year, 4 months ago

Maybe also: E a ribbon chart that shows balances by quarter and accounts in the legend, to meet the requirement: Ending balances for each account. But then I don't know what to choice between A&C because the represent the same goal: Changes in long-term liabilities from the previous quarter. Any suggestions??

upvoted 4 times

🗨️ **Wummie** 11 months, 3 weeks ago

I'll choose A over C because line charts are better for showing trends and clustered column mostly used for comparing 2 data points and we have only one here. So I'll say A &E.

upvoted 3 times

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Northwind Traders is a specialty food import company.

The company recently implemented Power BI to better understand its top customers, products, and suppliers.

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Existing Environment. Data Sources

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Name	Type	Data size
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Source2 is exported daily from a third-party system and stored in Microsoft SharePoint Online.

Existing Environment. Customer Worksheet

Source2 contains a single worksheet named Customer Details. The first 11 rows of the worksheet are shown in the following table.

CustomerID	CustomerCRMID	CompanyName	Address	City	Region	PostalCode	Country	Phone
1	ALFKI	Alfreds Futterkiste	Obere Str. 57	Berlin	DE	12209	Germany	030-0074321
2	ANATR	Ana Trujillo Emparedados y helados	Avda. de la Constitución 2222	México D.F.	MX	5021	Mexico	(5) 555-4729
3	ANTON	Antonio Moreno Taquería	Mataderos 2312	México D.F.	MX	5023	Mexico	(5) 555-3932
4	AROUT	Around the Horn	120 Hanover Sq.	London	UK	WA1 1DP	UK	(171) 555-7788
5	BERGS	Berglunds snabbköp	Berguvsvägen 8	Luleå	SWE	S-958 22	Sweden	0921-12 34 65
6	BLAUS	Blauer See Delikatessen	Forsterstr. 57	Mannheim	DE	68306	Germany	0621-08460
7	BLONP	Blondesdsi père et fils	24, place Kléber	Strasbourg	FRA	67000	France	88.60.15.31
8	BOLID	Bólido Comidas preparadas	C/ Araquil, 67	Madrid	SPN	28023	Spain	(91) 555 22 82
9	BONAP	Bon app'	12, rue des Bouchers	Marseille	FRA	13008	France	91.24.45.40
10	BOTTM	Bottom-Dollar Markets	23 Tsawassen Blvd.	Tsawassen	BC	T2F 8M4	Canada	(604) 555-4729

All the fields in Source2 are mandatory.

The Address column in Customer Details is the billing address, which can differ from the shipping address.

Existing Environment. Azure SQL Database

Source1 contains the following table:

Orders

Products

Suppliers

Categories

Order Details

Sales Employees

The Orders table contains the following columns.

Name	Is nullable	Data type	Example value	Key
OrderID	No	Int	10248	Primary key
CustomerID	Yes	NCHAR	VINET	Not applicable
OrderDate	Yes	Date	2021-01-04	Not applicable
RequiredDate	Yes	Date	2021-02-01	Not applicable
ShippedDate	Yes	Date	2021-01-16	Not applicable
Freight	Yes	Decimal	32.38	Not applicable
ShipName	Yes	NVARCHAR	Vins et alcools Chevalier	Not applicable
ShipAddress	Yes	NVARCHAR	59 rue de l'Abbaye	Not applicable
ShipCity	Yes	NVARCHAR	Reims	Not applicable
ShipRegion	Yes	NVARCHAR	FRA	Not applicable
ShipPostalCode	Yes	NVARCHAR	511000	Not applicable
ShipCountry	Yes	NVARCHAR	France	Not applicable

The Order Details table contains the following columns.

Name	Is nullable	Data type	Example value	Key
ProductID	No	Int	11	Primary key
ProductName	No	NVARCHAR	Queso Cabrales	Not applicable
SupplierID	Yes	Int	5	Foreign key to Suppliers
CategoryID	Yes	Int	4	Foreign key to Categories
QuantityPerUnit	Yes	NVARCHAR	1 kg pkg.	Not applicable
Discontinued	No	Bit	0	Not applicable

The address in the Orders table is the shipping address, which can differ from the billing address.

The Products table contains the following columns.

Name	Is nullable	Data type	Example value	Key
ProductID	No	Int	11	Primary key
ProductName	No	NVARCHAR	Queso Cabrales	Not applicable
SupplierID	Yes	Int	5	Foreign key to Suppliers
CategoryID	Yes	Int	4	Foreign key to Categories
QuantityPerUnit	Yes	NVARCHAR	1 kg pkg.	Not applicable
Discontinued	No	Bit	0	Not applicable

The Categories table contains the following columns.

Name	Is nullable	Data type	Example value	Key
CategoryID	No	int	4	Primary key
CategoryName	No	nvarchar	Dairy Products	Not applicable
Description	Yes	nvarchar	Cheeses	Not applicable

The Suppliers table contains the following columns.

Name	Is nullable	Data type	Example value	Key
SupplierID	No	Int	5	Primary key
CompanyName	No	NVARCHAR	Cooperativa de Quesos 'Las Cabras'	Not applicable
Address	Yes	NVARCHAR	Calle del Rosal 4	Not applicable
City	Yes	NVARCHAR	Oviedo	Not applicable
Region	Yes	NVARCHAR	Asturias	Not applicable
PostalCode	Yes	NVARCHAR	33007	Not applicable
Country	Yes	NVARCHAR	Spain	Not applicable
Phone	Yes	NVARCHAR	(98) 598 76 54	Not applicable

The Sales Employees table contains the following columns.

Name	Is nullable	Data type	Example value	Key
EmployeeID	No	Int	1	Primary key
LastName	No	NVARCHAR	Davolio	Not applicable
FirstName	No	NVARCHAR	Nancy	Not applicable
Title	Yes	NVARCHAR	Sales Representative	Not applicable
HireDate	Yes	Date	2015-02-01	Not applicable
Region	Yes	NVARCHAR	WA	Not applicable
Country	Yes	NVARCHAR	USA	Not applicable
EmailAddress	No	NVARCHAR	ndavolio@northwindtraders.com	Not applicable

Each employee in the Sales Employees table is assigned to one sales region. Multiple employees can be assigned to each region.

Requirements. Report Requirements

Northwind Traders requires the following reports:

Top Products

Top Customers

On-Time Shipping

The Top Customers report will show the top 20 customers based on the highest sales amounts in a selected order month or quarter, product category, and sales region.

The Top Products report will show the top 20 products based on the highest sales amounts sold in a selected order month or quarter, sales region, and product category. The report must also show which suppliers provide the top products.

The On-Time Shipping report will show the following metrics for a selected shipping month or quarter:

The percentage of orders that were shipped late by country and shipping region

Customers that had multiple late shipments during the last quarter

Northwind Traders defines late orders as those shipped after the required shipping date.

The warehouse shipping department must be notified if the percentage of late orders within the current month exceeds 5%.

The reports must show historical data for the current calendar year and the last three calendar years.

Requirements. Technical Requirements

Northwind Traders identifies the following technical requirements:

A single dataset must support all three reports.

The reports must be stored in a single Power BI workspace.

Report data must be current as of 7 AM Pacific Time each day.

The reports must provide fast response times when users interact with a visualization.

The data model must minimize the size of the dataset as much as possible, while meeting the report requirements and the technical requirements.

Requirements. Security Requirements

Access to the reports must be granted to Azure Active Directory (Azure AD) security groups only. An Azure AD security group exists for each department.

The sales department must be able to perform the following tasks in Power BI:

Create, edit, and delete content in the reports.

Manage permissions for workspaces, datasets, and report.

Publish, unpublish, update, and change the permissions for an app.

Assign Azure AD groups role-based access to the reports workspace.

Users in the sales department must be able to access only the data of the sales region to which they are assigned in the Sales Employees table.

Power BI has the following row-level security (RLS) Table filter DAX expression for the Sales Employees table.

[EmailAddress] = USERNAME()

RLS will be applied only to the sales department users. Users in all other departments must be able to view all the data.

Question

You need to create the On-Time Shipping report. The report must include a visualization that shows the percentage of late orders.

Which type of visualization should you create?

A. bar chart

B. scatterplot

C. pie chart

Correct Answer: A

Scenario: The On-Time Shipping report will show the following metrics for a selected shipping month or quarter:

The percentage of orders that were shipped late by country and shipping region

Customers that had multiple late shipments during the last quarter

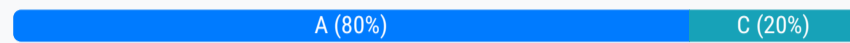
Note: Bar and column charts are some of the most widely used visualization charts in Power BI. They can be used for one or multiple categories. Both these chart types represent data with rectangular bars, where the size of the bar is proportional to the magnitude of data values.

The difference between the two is that if the rectangles are stacked horizontally, it is called a bar chart. If the rectangles are vertically aligned, it is called a column chart.

Reference:

<https://www.pluralsight.com/guides/bar-and-column-charts-in-power-bi>

Community vote distribution



jesusdax Highly Voted 3 months, 3 weeks ago

Only a Pie chart will show % without creating an additional measure.

I think C is correct.
upvoted 12 times

HamzaAli Highly Voted 3 months, 3 weeks ago

Bar Chart, Since the requirement is to see "The On-Time Shipping report will show the following metrics for a selected shipping month or quarter" hence bar chart is the best fit

upvoted 6 times

xabieul Most Recent 3 weeks, 4 days ago

Selected Answer: A

I think that bar chart is better than pie chart. Both help us visualize which country has a higher percentage of late-shipments in comparison with the others.

The bar chart is much better to visualize not only the comparison between countries, but the visual size of the bar.

For example if we had 3 countries and in one month all have a 1% delay, and in the next month the three countries have a 2% delay, the pie chart will have the same size for the three of them in both months, while we can configure the bar chart to clearly visualize that 2% is much more than 1%.

upvoted 2 times

TerrancePythonJava 1 month, 1 week ago

Selected Answer: C

Pie chart for percentage is expected.

upvoted 1 times

teeman001 1 month, 1 week ago

Selected Answer: A

percentage of orders that were shipped late by country and shipping region. Bar chart will give best options by country and region

upvoted 2 times

PatrickStr 2 months, 3 weeks ago

on exam 12/10/2021

upvoted 1 times

kcwood94 4 months, 3 weeks ago

On exam 10/14/21

upvoted 2 times

IvyS 5 months ago

Why not pie chart?

upvoted 6 times

IvyS 5 months ago

Pie chart can show the percentage

upvoted 4 times

KhosS 5 months, 1 week ago

A? is this right?

upvoted 3 times

TL0287 5 months, 1 week ago

I think bar chart will be a better option in this case because essentially the visual is trying to compare categories (i.e. % of shipment delay by country). Pie chart is best for comparing part to total. Also, with this many countries/regions it will make the pie chart very difficult to read.

upvoted 4 times

Warius 5 months, 1 week ago

the only that makes sense

upvoted 1 times

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3	ANTON	Antonio Moreno Taquería	Mataderos 2312	México D.F.	MX	5023	Mexico	(5) 555-3932
4	AROUT	Around the Horn	120 Hanover Sq.	London	UK	WA1 1DP	UK	(171) 555-7788
5	BERGS	Berglunds snabbköp	Berguvsvägen 8	Luleå	SWE	S-958 22	Sweden	0921-12 34 65
6	BLAUS	Blauer See Delikatessen	Forsterstr. 57	Mannheim	DE	68306	Germany	0621-08460
7	BLONP	Blondesdsi père et fils	24, place Kléber	Strasbourg	FRA	67000	France	88.60.15.31
8	BOLID	Bólido Comidas preparadas	C/ Araquil, 67	Madrid	SPN	28023	Spain	(91) 555 22 82
9	BONAP	Bon app'	12, rue des Bouchers	Marseille	FRA	13008	France	91.24.45.40
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ShippedDate	Yes	Date	2021-01-16	Not applicable
Freight	Yes	Decimal	32.38	Not applicable
ShipName	Yes	NVARCHAR	Vins et alcools Chevalier	Not applicable
ShipAddress	Yes	NVARCHAR	59 rue de l'Abbaye	Not applicable
ShipCity	Yes	NVARCHAR	Reims	Not applicable
ShipRegion	Yes	NVARCHAR	FRA	Not applicable
ShipPostalCode	Yes	NVARCHAR	511000	Not applicable
ShipCountry	Yes	NVARCHAR	France	Not applicable

The Order Details table contains the following columns.

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The Categories table contains the following columns.

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CategoryID	No	int	4	Primary key
CategoryName	No	nvarchar	Dairy Products	Not applicable
Description	Yes	nvarchar	Cheeses	Not applicable

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City	Yes	NVARCHAR	Oviedo	Not applicable
Region	Yes	NVARCHAR	Asturias	Not applicable
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Title	Yes	NVARCHAR	Sales Representative	Not applicable
HireDate	Yes	Date	2015-02-01	Not applicable
Region	Yes	NVARCHAR	WA	Not applicable
Country	Yes	NVARCHAR	USA	Not applicable
EmailAddress	No	NVARCHAR	ndavolio@northwindtraders.com	Not applicable

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Create, edit, and delete content in the reports.

Manage permissions for workspaces, datasets, and report.

Publish, unpublish, update, and change the permissions for an app.

Assign Azure AD groups role-based access to the reports workspace.

Users in the sales department must be able to access only the data of the sales region to which they are assigned in the Sales Employees table.

Power BI has the following row-level security (RLS) Table filter DAX expression for the Sales Employees table.

[EmailAddress] = USERNAME()

RLS will be applied only to the sales department users. Users in all other departments must be able to view all the data.

Question

HOTSPOT -

You need to create the Top Customers report.

Which type of filter should you use, and at which level should you apply the filter? To answer, select the appropriate options in the answer area.

:

NOTE -

Each correct selection is worth one point.

Hot Area:

Answer Area

Filter type: ▼

- Top N
- Basic
- Advanced

Level: ▼

- Page
- Visual
- Report

Correct Answer:

Answer Area

Filter type: ▼

- Top N
- Basic
- Advanced

Level: ▼

- Page
- Visual
- Report

Box 1: Top N -

Scenario: The Top Customers report will show the top 20 customers based on the highest sales amounts in a selected order month or quarter, product category, and sales region.

Once you drag to SKU to Visual level filter you should get Top N option

Note: The two most common filter types: automatic and manual.

Then there are more advanced filters.

Box 2: Visual -

Once you drag to SKU to Visual level filter you should get Top N option.

Reference:

<https://powerbidocs.com/2020/01/21/power-bi-top-n-filters/>

DuarteG Highly Voted 5 months ago

Why is the filter applied at the visual level if the entire report is related to Top 20 Customers? It should be Report level.

Explanation: "Northwind Traders requires the following reports:

Top Products

Top Customers

On-Time Shipping

The Top Customers report will show the top 20 customers based on the highest sales amounts in a selected order month or quarter, product category, and sales region."

upvoted 16 times

lhueghian 4 months, 3 weeks ago

I will go for the TOPN & Report, the sentence is giving the answer already

upvoted 5 times

souf 4 months, 1 week ago

You cant use the TopN on report level or page level

upvoted 23 times

WW219 Highly Voted 2 months, 3 weeks ago

You can't use TopN in report or Page level
upvoted 13 times

- 🗨️ 👤 **Ashley090521** Most Recent 1 week, 6 days ago
A&C, Top N & Report (because "You need to create the Top Customers report")
upvoted 1 times
- 🗨️ 👤 **Hich** 4 weeks ago
TOPN & Visual Definitely
upvoted 2 times
- 🗨️ 👤 **Anuki** 1 month ago
The answer is correct. Top N works on the Visual, tested.
upvoted 2 times
- 🗨️ 👤 **Parmi** 2 months ago
Answer is correct, TopN and Visual
Because you cannot use TopN filter for Page or Report level
upvoted 5 times
- 🗨️ 👤 **PatrickStr** 2 months, 3 weeks ago
on exam 12/10/2021
upvoted 1 times
- 🗨️ 👤 **RowSwanson** 3 months, 1 week ago
There is literally no way to know the answer to the second part b/c the question and answer choices (as usual) are written so poorly.
upvoted 2 times
- 🗨️ 👤 **RowSwanson** 3 months, 1 week ago
Nevermind souf is right, you can't use TopN with report or page level, or visual level. Just tested it myself so the answer is in fact Visual
upvoted 2 times
- 🗨️ 👤 **Selded** 3 months, 3 weeks ago
In exam 13/11/2021
upvoted 1 times
- 🗨️ 👤 **joy0523** 4 months ago
On exam 5th Nov 2021
Selected TopN and Report
upvoted 3 times
- 🗨️ 👤 **NargesRokni** 4 months, 2 weeks ago
It's a tricky question because it's using the term "report" but instead when it's describing what is expected for "Top Customer Report", on my opinion "Report" means "Visualization"! based on definition of this report, I understand in this way!
upvoted 1 times
- 🗨️ 👤 **kcwood94** 4 months, 3 weeks ago
On exam 10/14/21
upvoted 1 times
- 🗨️ 👤 **angelicap** 4 months, 4 weeks ago
Top N & Visual Level ?
upvoted 3 times
- 🗨️ 👤 **sudarchary** 5 months ago
Correct !
upvoted 4 times