

# Microsoft

## Exam Questions 70-778

Analyzing and Visualizing Data with Microsoft Power BI (beta)



#### NEW QUESTION 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 have a user named User1. User1 is a member of a security group named Contoso PowerBI. User1 has access to a workspace named Contoso Workspace. You need to prevent User1 from exporting data from the visualizations in Contoso Workspace. Solution: From the Microsoft Office 365 Admin center, you modify the properties of Contoso PowerBI. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

#### Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/service-manage-app-workspace-in-power-bi-and-office-365>

#### NEW QUESTION 2

You create a report in the Power BI service.

You plan to provide external users with access to the report in the blog post will be updated as the data is refreshed.

What should you do in the Power BI service?

- A. Publish the app workspace to the entire organizatio
- B. In the blog post, use the URL of the workspace.
- C. Share the repor
- D. In the blog post, use the URL of the dashboard.
- E. Publish the report to the we
- F. In the blog post, use the embed code URL.
- G. In the blog post, use the URL of the report.

**Answer:** C

#### Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/service-publish-to-web>

#### NEW QUESTION 3

You have an app workspace named Retail Analysis in the Power BI service. You need manage the members that have access to the app workspace. What should you do?

- A. From the Power BI Admin portal, click Usage metrics.
- B. From the Office 365 Admin center, click Users.
- C. From the Office 365 Admin center, click Groups.
- D. From the Power BI Admin portal, click Tenant settings.

**Answer:** C

#### Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/service-manage-app-workspace-in-power-bi-and-office-365>

#### NEW QUESTION 4

From Power BI Desktop, you publish an app that contains one dashboard and one report. Q&A is enabled on the dashboard.

In Q&A, a user types the query count of clients and fails to receive any results. The user then types the query count of subscribers and received the expected results.

You need to ensure that the user can use both queries to receive the same results.

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

Actions

Update the app form powerbi.com

Delete and publish the app.

Edit the synonyms.

Publish the report to App Workspaces.

Enable and configure Data classification for dashboards.

Edit the dashboard settings from powerbi.com

Open the report by using Power BI Desktop.

Answer Area



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Delete and publish the app.

Edit the dashboard settings from powerbi.com

Edit the synonyms.

Update the app form powerbi.com

NEW QUESTION 5

You create a dashboard that displays the results of a customer satisfaction survey. You need to embed a tweet from your company's Twitter feed into the dashboard. What should you do?

- A. To the dashboard, add a tile that uses a web content source.
- B. To the dashboard, add a tile that uses a PubNub content source.

- C. Edit the report and import a visualization from a fil
- D. Pin the visualization to the dashboard.
- E. Edit the report and import a visualization from the marketplac
- F. Pin the visualization to the dashboard.

**Answer:** A

**Explanation:**

References:

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

**NEW QUESTION 6**

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 have a Power BI model that contains two tables named Sales and Date. Sales contains four columns named TotalCost, DueDate, ShipDate, and OrderDate. Date contains one column named Date.

The tables have the following relationships: The active relationship is on Sales[DueDate].

You need to create measures to count the number of orders by [ShipDate] and the orders by [OrderDate]. You must meet the goal without duplicating data or loading additional data.

Solution: You create a calculated table. You create a measure that uses the new table. Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

**NEW QUESTION 7**

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is the same in each question in this series.

Start of repeated scenario

You have a Microsoft SQL Server database that contains the following tables.

Table name	Column name	Data type
Order	Order_ID	Integer
	Order_date	Integer
	Order_amount	Currency
	Customer_ID	Integer
	Order_ship_date	Integer
	Store_ID	Integer
Customer	Customer_ID	Integer
	First_name	Varchar(100)
	Last_name	Varchar(100)
	Customer_photo	Binary
Date	Date_ID	Integer
	Date_name	Datetime
	Month	Integer
	Week	Integer
	Year	Integer
Monthly_returns	Month_ID	Integer
	Total_returns	Float
	Store_ID	Varchar(100)
Store	Store_ID	Integer
	Name	Varchar(100)
	City	Varchar(100)
	Sales_target	Float

The following columns contain date information:

- Date[Month] in the mmyyyy format
  - Date[Date\_ID] in the ddmmmyyyy format
  - Date[Date\_name] in the mm/dd/yyyy format
  - Monthly\_returns[Month\_ID] in the mmyyyy format
- The Order table contains more than one million rows.

The Store table has a relationship to the Monthly\_returns table on the StoreJD column. This is the only relationship between the tables.

You plan to use Power BI Desktop to create an analytics solution for the data. End of repeated scenario.

You need to create a chart that displays a sum of Order[Order\_amount] by month for the Order\_ship\_date column and the Order\_date column.

How should you model the data?

- A. Add a second Date table named Ship\_date to the mode
- B. Create a many-to-many relationship from Date[Date\_ID] to Order [Order\_date] and a many-to-many relationship from Ship\_date[DateJD] to

- Order[Order\_ship\_date].
- C. Add a second Date table named Ship\_date to the mode
- D. Create a one-to-many relationship from Date[Date\_ID] to Order [Order\_date] and a one-to-many relationship from Ship\_date[Date\_ID] to Order[Order\_ship\_date].
- E. Create a one-to-many relationship from Date[Date\_ID] to Order[Order\_date] and another relationship from Date[Date\_ID] to Monthly\_returns[Date\_ID].
- F. Create a one-to-many relationship from Date[Date\_ID] to Order[Order\_date] and another relationship from Date[Date\_ID] to Order[Order\_ship\_date].

**Answer:** D

#### NEW QUESTION 8

From the Home tab in Power BI Desktop, you click Enter Data and create a table named Sales that contains the following data.

Region	Sales
Canada	100
Canada	900
Italy	500
Spain	800
US	200
US	1000

You add Region and Sales to a visualization and the visualization displays the following data.

Sales	Region
1000	Canada
500	Italy
800	Spain
1200	US

What causes the visualization to display four rows of data instead of six?

- A. the Data Category of Region
- B. the Default Summarization on Region
- C. the Default Summarization on Sales
- D. the Data Category of Sales

**Answer:** B

#### NEW QUESTION 9

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 have an app workspace that contains a report. The report contains sensitive data.

You need to ensure that you can embed the report into a custom application that will be accessed by external users. The external users will NOT have a Microsoft Azure Active Directory user account or Power BI licenses.

Solution: Configure the app workspace to be read-only for members and to run in a shared capacity. Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### NEW QUESTION 10

You use Power BI Desktop to create a visualization for a Microsoft SQL Server data source. You need to ensure that you can use R visualization.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Download and install Microsoft R Server.
- B. Download and install RStudio Server on the computer that has Power BI Desktop installed.
- C. Install SQL Server R Services on the server that runs SQL Server.
- D. Enable R Scripting on the computer that has Power BI Desktop installed.
- E. Download and install Microsoft R on the computer that has Power BI Desktop installed.

**Answer:** E

#### Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/desktop-r-visuals>

#### NEW QUESTION 10

You have a query that uses a Microsoft Excel data source. The data source contains the following table.

GeoCode	CustomerCount	2014	2015	2016	2017
MA	2300	38885900	40830195	46954724.25	49302460.46
SD	1200	3993773.76	4193461.65	3983788.56	4182977.99
PA	340	89433932.54	93905628.6	98600910.03	103530955.5
NC	890	2000243.76	2100255.15	2289278.15	2403742.01
US	7777	6994777.75	7344515.85	9180644.81	9639677.05

You need the data to appear as shown in the following table.



GeoCode	CustomerCount	Attribute	Value
MA	2300	2014	38885900
MA	2300	2016	46954724.25
MA	2300	2017	49302460.46
SD	1200	2014	3993773.76
SD	1200	2015	4193461.65
SD	1200	2016	3983788.56
SD	1200	2017	4182977.99
PA	340	2014	89433932.54
PA	340	2015	93905628.6
PA	340	2016	98600910.03
PA	340	2017	103530955.5
NC	890	2014	2000243.76
NC	890	2015	2100255.15
NC	890	2016	2289278.15
NC	890	2017	2403742.01
US	7777	2014	6994777.75
US	7777	2015	7344515.85
US	7777	2016	9180644.81
US	7777	2017	9639677.05

What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

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### Answer Area

Columns to select:

GeoCode only  
GeoCode and CustomerCount  
2014, 2015, 2016, and 2017

Command to use:

Pivot Column  
Reverse Rows  
Unpivot Columns

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

### Answer Area

Columns to select:

GeoCode only  
GeoCode and CustomerCount  
2014, 2015, 2016, and 2017

Command to use:

Pivot Column  
Reverse Rows  
Unpivot Columns

### NEW QUESTION 15

You create an app workspace named Wingtip Sales. Wingtip Sales is configured as shown in the following exhibit.


## Create an app workspace

Name your workspace

Wingtip Sales

Workspace ID

wingtipsales

 Available







Private - Only approved members can see what's inside


Members can edit Power BI content


Add workspace members

Enter email addresses

Add

austin@wingtiptoys.com	Admin		
maxwel@wingriptoys.com	Member		
james@wingtiptoys.com	Member		

Advanced 

Dedicated capacity 

☐ Off

Save Cancel

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.

## Answer Area

The one task that Austin is permitted to perform, but the other members are not permitted to perform, is [answer choice].



add other users as members

create a new dashboard

pin a report visualization to a dashboard

publish a PBIX file

To make the content in Wingtip Sales available to users who have the free Power BI license, you must first [answer choice].



add all the users as workspace members

change the app workspace from Private to Public

purchase Power BI Premium

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

## Answer Area

The one task that Austin is permitted to perform, but the other members are not permitted to perform, is [answer choice].

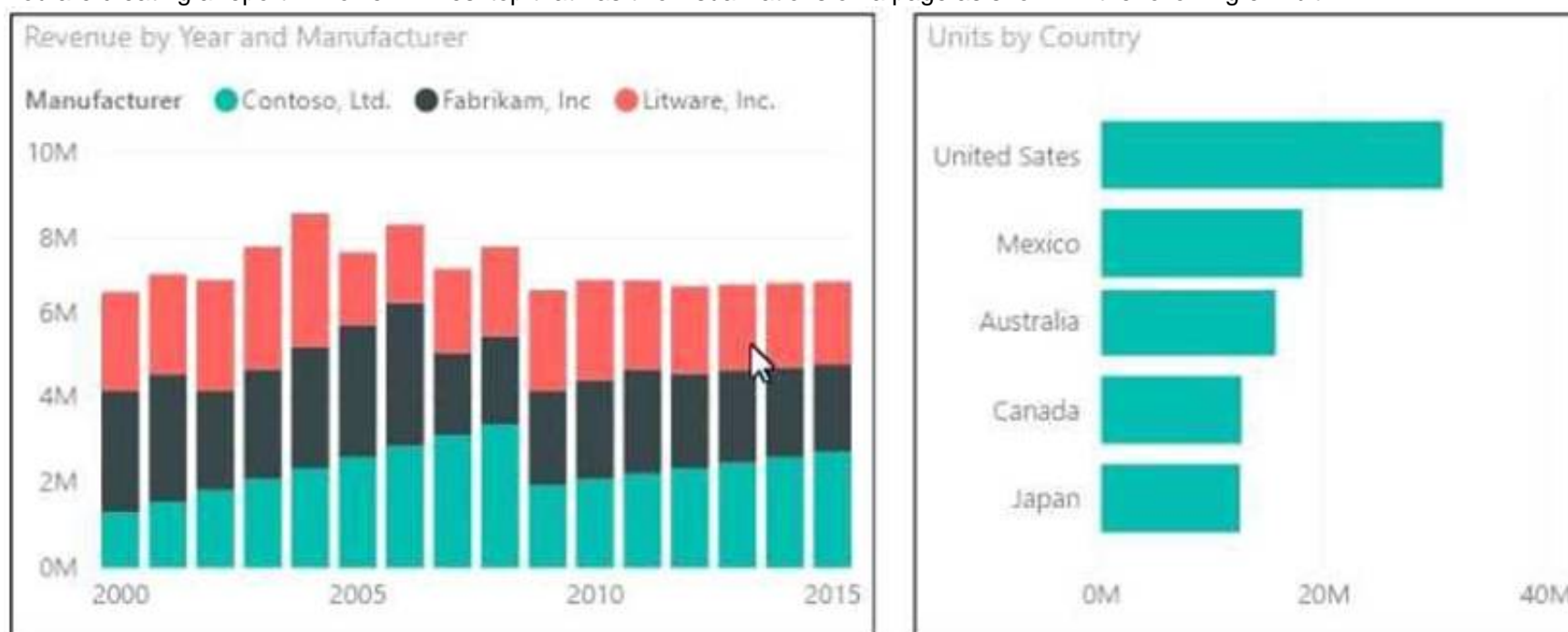
add other users as members  
 create a new dashboard  
 pin a report visualization to a dashboard  
 publish a PBIX file

To make the content in Wingtip Sales available to users who have the free Power BI license, you must first [answer choice].

add all the users as workspace members  
 change the app workspace from Private to Public  
 purchase Power BI Premium

### NEW QUESTION 18

You are creating a report in Power BI Desktop that has two visualizations on a page as shown in the following exhibit.



You need to ensure that when you click the bar of a country, only the values for that country are shown on the Revenue by Year and Manufacturer chart.

- A. Click the Revenue by Year and Manufacturer char
- B. On the Format tab, click Edit Interaction
- C. On the Units by Country chart, click Filter.
- D. Click the Revenue by Year and Manufacturer char
- E. On the Format tab, click Edit Interaction
- F. On the Units by Country chart, click Highlight.
- G. Click the Units by Country char
- H. On the Format tab, click Edit Interaction
- I. On the Revenue by Year and Manufacturer chart, click Filter.
- J. Click the Units by Country char
- K. On the Format tab, click Edit Interaction
- L. On the Revenue by Year and Manufacturer chart, click Highlight.

**Answer:** C

**Explanation:**

References:  
<https://docs.microsoft.com/en-us/power-bi/service-reports-visual-interactions>

### NEW QUESTION 21

You have a Power BI report that displays a bar chart and a donut chart on the same page. The bar chart shows the total sales by year and the donut chart shows the total sale by category.

You need to ensure that when you select a year on the bar chart, the donut remains unchanged. What should you do?

- A. Set a visual level filter on the bar chart.
- B. Edit the interactions form the Format menu.
- C. Set a visual level filter on the donut chart.
- D. Add a slicer to the page that uses the year column.



**Answer:** B

**Explanation:**

References: <https://www.excelguru.ca/blog/2016/11/23/visual-interactions-in-power-bi/>

**NEW QUESTION 25**

You have the following tables.

Table name	Column name	Data Type
Subscriber	SubscriberID	Whole Number
	StartDate	Date
	EndDate	Date
Date	Date	Date
	Day	Text
	Month	Text
	Year	Whole Number

There is a many-to-one relationship from Subscriber to Date that uses Subscriber[StartDate] and Date[Date]. The Cross filter direction of the relationship is set to Single.

You plan to create a column chart that displays the following two measures:

Count of SubscriberID by Month based on the StartDate

Count of SubscriberID by Month based on the EndDate What should you do before you create the measures?

- A. Create an active one-to-one relationship from Subscriber[StartDate] to Date[Date].
- B. Change the Cross filter direction of the active relationship to Both.
- C. Change the active relationship for many-to-one.
- D. Create an inactive many-to-one relationship from Subscriber[StartDate] to Date[Date].

**Answer:** B

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/desktop-create-and-manage-relationships>

**NEW QUESTION 27**

You have a table named Sales. Sales contains the data shown in the following table.

Year	Total Sales
2015	26,250,801.43
2016	32,890,351.72
2017	11,685,099.08

You have the following measure.

Total Sales This Year = SUM([Total Sales])

You plan to create a KPI to compare the current yearly sales to the previous year as shown in the exhibit. (Click the Exhibit button.)

**Current Year Sales**



You need to create the measure for the goal.

How should you complete the DAX formula? 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.

Values

CALCULATE

DATEADD

PREVIOUSYEAR

SAMEPERIODLASTYEAR

SUMX

Answer Area

Value

Value

Value

Value

Value

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**  
 References: <https://msdn.microsoft.com/query-bi/dax/dateadd-function-dax>

**NEW QUESTION 31**

You plan to use Power BI Desktop optimized for Power BI Report Server to create a report. The report will be published to Power BI Report Server. You need to ensure that all the visualization in the report can be consumed by users. Which three types of visualizations should you include in the report? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. bubble maps
- B. custom visuals
- C. R visuals
- D. breadcrumbs
- E. funnel charts

Answer: ABE

**Explanation:**  
 References: <https://docs.microsoft.com/en-us/power-bi/report-server/install-powerbi-desktop>

**NEW QUESTION 32**

You have an app workspace that contains a dashboard and four reports. All the reports are generated from a single dataset that contains sales data for your company. The reports display the data configured as shown in the following table.

Report name	Data displayed	Data characteristic
Sales Data1	Sales from the start of 2013 to the end of 2015	The company was owned by another company named Contoso, Ltd. from 2013 to 2015
Sales Data2	Sales from the start of 2011 to the end of 2016	The company changed the line of products sold frequently from 2011 to 2016
Sales Data3	Sales from the start of 2016 to the end of 2017	The company hired new management that started in 2016
Sales Data4	Sales from the start of 2011 to the end of 2014	The company was being sued by a competitor from 2011 to 2014

You need to ensure that the users of the reports can locate the correct report by using natural language queries. What should you do?

- A. From the properties of the dataset, create four Featured Q&A Questions.
- B. From the Format settings of the reports, modify the Page Information.
- C. From the properties of the dataset, modify the Q&A and Cortana settings.
- D. From the properties of the workspace, modify the Language Settings.

Answer: C

**Explanation:**  
 References:

Passing Certification Exams Made Easy

visit - <https://www.surepassexam.com>

<https://docs.microsoft.com/en-us/power-bi/service-q-and-a-direct-query#limitations-during-public-preview>

#### NEW QUESTION 36

You have a Power BI app named App1. The privacy for the App1 workspace is set to Private.

A user named User1 reports that App1 does not appear in the My organization AppSource. App1 appears in the My organization AppSource for your account.

You need to ensure that User sees App1 from the My organization AppSource. What should you do?

- A. From the app workspace, click Update app, configure the Content settings, and then click Update app.
- B. From the app workspace settings, add a member.
- C. From the app workspace, click Update app, configure the Access setting, and then click Update app.
- D. From the app workspace, share the dashboard.

**Answer: C**

#### Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/service-organizational-content-pack-introduction#what-is-appsource>

#### NEW QUESTION 40

A data analyst publishes several Power BI visualizations to a blog.

You discover that some of the visualizations contain data that is considered private by your company. You need to prevent the visualizations from being published to the blog.

What should you do?

- A. From the Power BI Admin portal, disable the Publish to web setting.
- B. From the Power BI settings, delete the embedded codes.
- C. From the Power BI Admin portal, disable the Share content with external users setting.
- D. From the dashboard settings, modify the Share dashboard settings.

**Answer: A**

#### Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/service-publish-to-web>

#### NEW QUESTION 45

You plan to use Power BI Desktop to create a report. The report will consume data from an on-premises tabular named SalesDB in Microsoft SQL Server Analysis Services (SSAS). The report will be published to the Power BI service.

You need to ensure that the report published to the Power BI service will access the current data in SalesDB. What should you do?

- A. Deploy an on-premises data gateway and configure the connection to SalesDB to use the Import DataConnectivity mode.
- B. Deploy an on-premises data gateway and configure the connection to SalesDB to use the Connect live option.
- C. Deploy an on-premises data gateway (personal mode) and configure to SalesDB to use the DirectQuery Data Connectivity mode.
- D. Deploy an on-premises data gateway and configure the connection to SalesDB to use the DirectQuery Data Connectivity mode.

**Answer: D**

#### Explanation:

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

#### NEW QUESTION 46

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 have a Power BI model that contains two tables named Sales and Date. Sales contains four columns named TotalCost, DueDate, ShipDate, and OrderDate.

Date contains one column named Date.

The tables have the following relationships: The active relationship is on Sales[DueDate].

You need to create measures to count the number of orders by [ShipDate] and the orders by [OrderDate]. You must meet the goal without duplicating data or loading additional data.

Solution: You create two copies of the Date table named ShipDate and OrderDateGet. You create a measure that uses the new tables.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

#### NEW QUESTION 47

You have a Microsoft Excel workbook that contains two tables.

From Power BI, you create a dashboard that displays data from the tables. You update the tables each day.

You need to ensure that the virtualizations in the dashboard are updated daily.

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



Actions

For each dataset, modify the Schedule Refresh settings.

Download and install an on-premises data gateway (personal).

For each dataset, modify the Gateway Connection settings.

Add subscriptions for the reports.

Download and install Power BI Desktop.

Answer Area

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- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/refresh-scheduled-refresh>

NEW QUESTION 52

Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario

You have a Microsoft SQL Server database that contains the following tables.



Table name	Column name	Data type
Order	Order_ID	Integer
	Order_date	Datetime
	Order_amount	Currency
	Customer_ID	Integer
	Order_ship_date	Datetime
	Store_ID	Varchar(100)
Customer	Customer_ID	Integer
	First_name	Varchar(100)
	Last_name	Varchar(100)
	Customer_photo	Binary
Date	Date_ID	Integer
	Date_name	Datetime
	Month	Integer
	Week	Integer
	Year	Integer
Monthly_returns	Month_ID	Integer
	Total_returns	Float
	Store_ID	Varchar(100)
Store	Store_ID	Integer
	Name	Varchar(100)
	City	Varchar(100)
	Sales_target	Float

The following columns contain data information:

Date[Month] in the mmyyyy format

Date[Date\_ID] in the ddmmyyyy format

Date[Date\_name] in the mm/dd/yyyy format

Monthly\_returns[Month\_ID] in the mmyyyy format

The Order table contains more than one million rows.

The Store table has relationship to the Monthly\_returns table on the Store\_ID column. This is the only relationship between the tables.

You plan to use Power BI desktop to create an analytics solution for the data. End of repeated scenario.

You need to display the month as a three-letter abbreviation, followed by the year, such as jan2017. You add a calculated column in Power BI.

Which DAX formula should you use for the calculated column? 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.

Values	Answer Area
Combin	Column= <input type="text"/> (FORMAT (MONTH ([Date_name]) , " <input type="text"/> "), FORMAT(MONTH ([Date_name]), "yyyy" ))
CombinA	
CONCATENATE	
CONCATENATEX	
M	
MM	
MMM	
MMMM	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
CONCATENATE MMM  
References: <https://msdn.microsoft.com/en-us/library/ee634811.aspx>

NEW QUESTION 56

Your company plans to use Power BI for 20 users in the sales department. The users will perform the following tasks:  
Access a published Power BI app  
Modify reports in an app workspace  
Share dashboards created in My Workspace  
You need to identify which Power BI licenses are required for the tasks. The solution must use the Power BI (free) licenses, whenever possible.  
Which license should you identify for each task? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

## Answer Area

Access a published Power BI app:

Power BI (free)

Power BI PRO

Modify report in an app workspace:

Power BI (free)

Power BI PRO

Share dashboards created in My Workspace:

Power BI (free)

Power BI PRO

- A. Mastered
- B. Not Mastered

Answer: A

### Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/service-create-distribute-apps> <https://docs.microsoft.com/en-us/power-bi/service-collaborate-power-bi-workspace>

### NEW QUESTION 60

You have a Power BI model that contains the following two tables:

Sales(Sales\_ID, sales\_date, sales\_amount, CustomerID)

Customer(CustomerID, First\_name, Last\_name)

There is a relationship between Sales and Customer.

You need to create a measure to rank the customers based on their total sales amount. Which DAX formula should you use?

- A. RANKX(ALL(Sales), SUMX(RELATEDTABLE(Customer), [Sales\_amount]))
- B. TOPN(ALL(customer), SUMX(RELATEDTABLE(Sales), [Sales\_amount]))
- C. RANKX(ALL(customer), SUMX(RELATEDTABLE(Sales), [Sales\_amount]))
- D. RANK.EQ(Sales[sales\_amount], Customer[CustomerID])

Answer: A

### Explanation:

References: <https://msdn.microsoft.com/query-bi/dax/rankx-function-dax>

### NEW QUESTION 62

You have a column named phone\_number. The values in the columns are in one of the following formats:

999-999-9999x123

1-999-999-9999x232

+1-999-999-9999x66x666

The values after x in the phone-number column indicate the phone extension.

You need to create a custom column in Query Editor that contains only the phone extensions.

How should you complete the query? 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.

Answer Area

AfterDelimiter

PositionOf

PositionOfAny

Range

RelativePosition

Removerange

TrimEnd

Text.

Value

([phone\_number], "x",

{0,

Value

.FromEnd}}

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
References: https://msdn.microsoft.com/en-us/library/mt798301.aspx

NEW QUESTION 65

You have a customer table in Power BI Desktop. The customer table contains the columns as shown in the following table.

CustomerID	Display Name	SSN
1	Smith, John	987-65-4321
2	Smith, Gail	123-45-6789
3	White, Tony	010-20-4567
4	Mark, Keith	890-67-5432

You need to create a custom column that hides the first three digits of the SSN. The values in the new column must have the xxx-99-9999 format.  
How should you complete the Query Editor formula? 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.

Values

Text.End

Text.Insert

Text.Range

Text.Replace

Text.Start

Answer Area

Value

([SSN],

Value

([SSN], 4), "xxx-")

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
Box 1: Text.Replace  
Box 2: Text.Start  
References:  
https://msdn.microsoft.com/query-bi/m/text-replace https://msdn.microsoft.com/en-us/query-bi/m/text-start



#### NEW QUESTION 66

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 have an app workspace that contains a report. The report contains sensitive data.

You need to ensure that you can embed the report into a custom application that will be accessed by external users. The external users will NOT have a Microsoft Azure Active Directory user account or Power BI licenses.

Solution: Purchase Power BI Premium P1, and then configure the app workspace to run in a dedicated capacity.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

#### Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/developer/embed-sample-for-customers>

#### NEW QUESTION 71

You have an on-premises Power BI Report Server.

You plan to create a report in Power BI Desktop and publish the report to the report server. Which data source should the report use?

- A. Microsoft Azure SQL Database
- B. a Microsoft SQL Server database
- C. a Microsoft SQL Server Analysis Services (SSAS) database
- D. Microsoft Excel

**Answer:** C

#### Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/report-server/quickstart-create-powerbi-report> <https://docs.microsoft.com/en-us/power-bi/report-server/connect-data-sources>

#### NEW QUESTION 75

In the Power BI service, you create an app workplace that contains several dashboards.

You need to provide a user named user1@contoso.com with the ability to edit and publish dashboards. What should you do?

- A. Modify the members of the app workspace.
- B. Configure security for the dataset used by the app.
- C. Share the dashboard, and then modify the Access settings of the dashboard.
- D. From the app workspace, click Update app, and then configure the Access settings.

**Answer:** C

#### NEW QUESTION 78

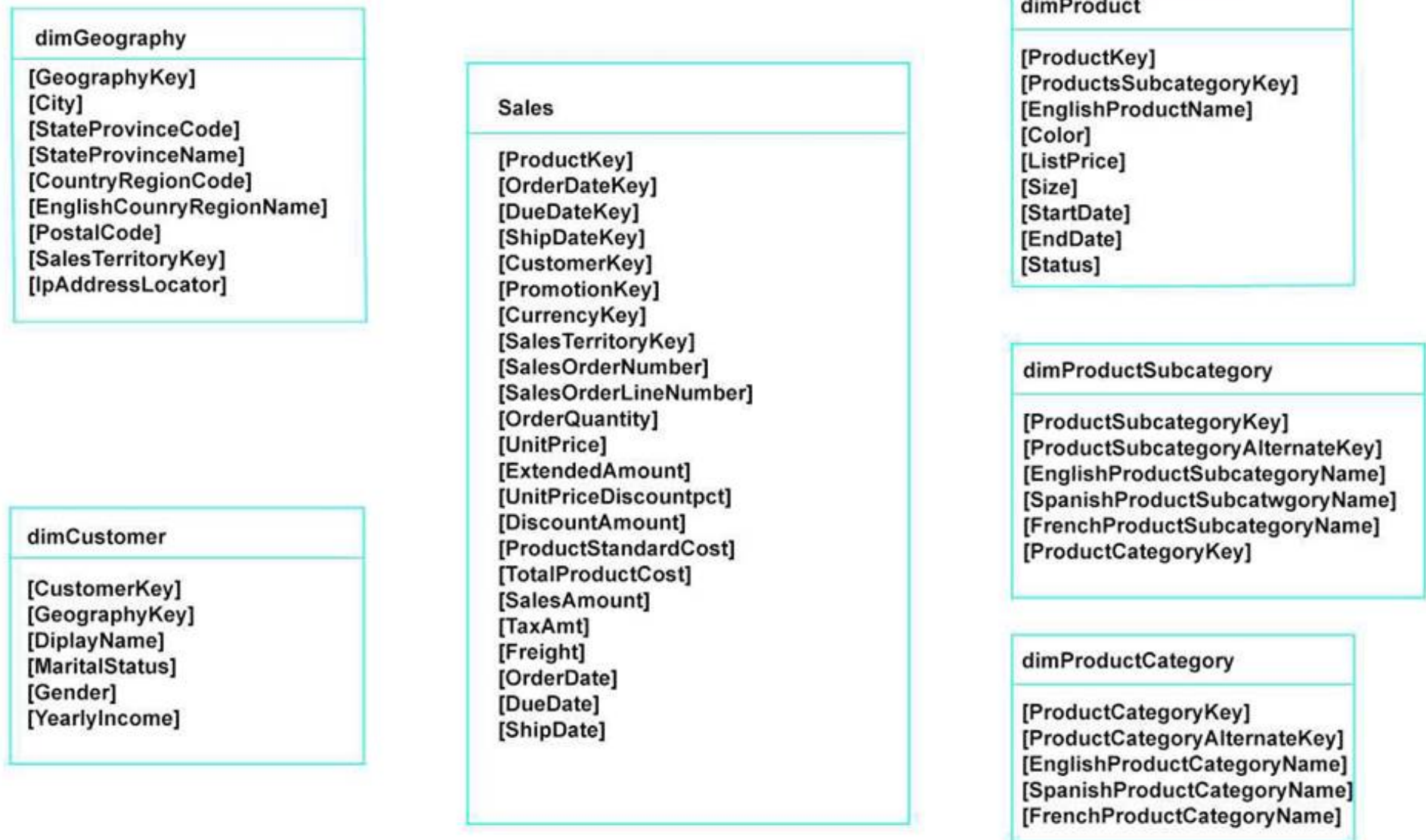
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario

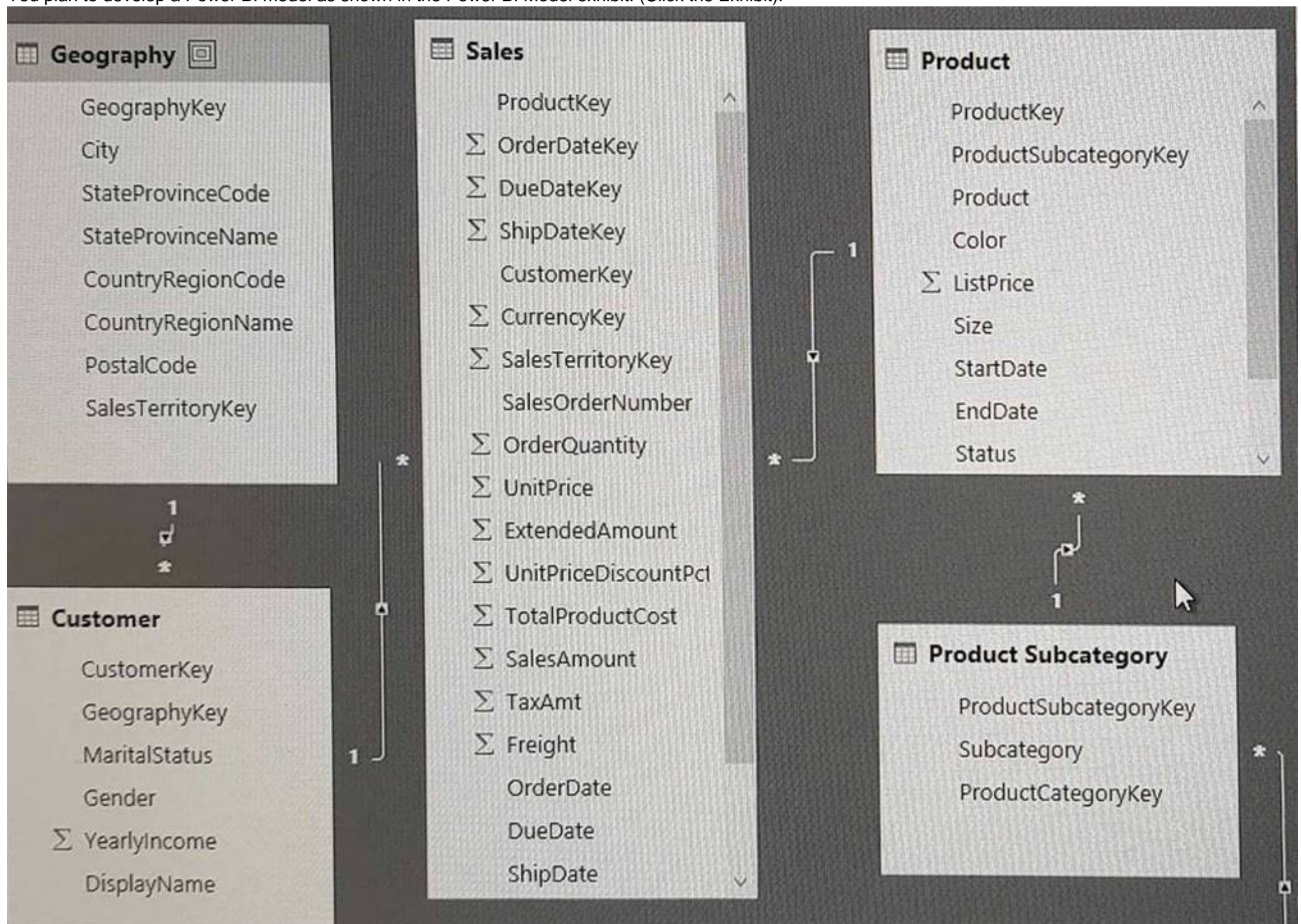
You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)



### Database Diagram



You plan to develop a Power BI model as shown in the Power BI Model exhibit. (Click the Exhibit).



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory [Subcategory] contains NULL values. End of repeated scenario.

You implement the Power BI model.

You need to edit the Product Category table query to match the desired Power BI model.

How should you complete the advanced query? 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 frag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

Values

Table.Combine

Table.RemovedColumns

Table.RemoveRows

Table.RenameColumns

Table.ReorderColumns

Table.SelectColumns

Answer Area

```

let
    Source= Sql.Databases ("localhost"),
    DB1= Source {[Name= "DB1"]} [Data],
    dbo_DimProductCategory= DB1{[Schema= "dbo, Item= "DimProductCategory"]} [Data],
    #"Var1" = Value
    (dbo_DimProductCategory, {"ProductCategoryAternateKey",
    "SpanishProductCategoryName", "FrenchProductCategoryName"}),
    #"Var2" = Value
    ({"Var1", {{ "EnglishProductCategoryName", "Category"}, {"DimProductSubcatregory", "Subcategory"}}})
in
    # "Var2"
                    
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
 References:  
<https://msdn.microsoft.com/en-us/library/mt260776.aspx> <https://msdn.microsoft.com/en-us/library/mt260808.aspx>

NEW QUESTION 83  
 You need to create a custom visualization for Power BI. What should you install first?

- A. jQuery
- B. Node.js
- C. Microsoft Azure PowerShell
- D. Microsoft.NET

Answer: B

Explanation:  
 References:  
<https://docs.microsoft.com/en-us/power-bi/service-custom-visuals-getting-started-with-developer-tools>

NEW QUESTION 86  
 You have a Power BI model that has a date table. A sample of the data shown in the following table.

Date	Day	Week	Month	Year
2014-12-01	1	27	12	2014
2014-12-02	2	27	12	2014
2014-12-03	3	27	12	2014
2014-12-04	4	27	12	2014

You need to add a column to display the date in the format of December 01, 2014. Which DAX formula should you use in Power BI Desktop?

- A. FORMAT([Date], "MMM") & " " & FORMAT([Date], "DO") & ", " & FORMAT([Date], "YYYY")
- B. FORMAT([Date], "MM") & " " & FORMAT([Date], "DO") & ", " & FORMAT([Date], "YYYY")
- C. [Date].[Month] & " " & FORMAT([Date], "D") & ", " & [Date].[Year]

D. FORMAT([Date], "MMMM DO, YYYY")

**Answer:** D

**NEW QUESTION 87**

Your organization has a team of power users who recently created 20 Power BI dashboards. The power users share the dashboards with other users in the organization.

When the users attempt to access the dashboards, they receive the error message shown in the exhibit. (Click the Exhibit.)



You need to ensure that all the users can access the dashboards. What should you do first?

- A. From the Microsoft Office 365 Admin center, and the Power BI (free) subscription, and then assign a license to each user.
- B. From the Power BI Admin portal, modify the Privacy Settings.
- C. From the properties of each dashboard, modify the Share dashboard settings.
- D. Instruct each user to install Microsoft Office 2016.

**Answer:** A

**Explanation:**

References:

<http://www.nubo.eu/en/blog/2016/12/Enable-PowerBI-On-Office-365/>

**NEW QUESTION 90**

From Power BI Desktop, you create a query that imports the following table.

City
UK-London
France-Paris
Spain-Madrid
Canada-Montreal

You need to configure the table to appear as shown in the following table.



City
London
Paris
Madrid
Montreal

What should you do?

- A. From the Extract menu, click Last Characters.
- B. From the Extract menu, click Text After Delimiter.
- C. From the Format menu, click Trim.
- D. From the Split Column menu, click BY Delimiter.

**Answer:** B

**Explanation:**

References: <https://msdn.microsoft.com/en-us/library/mt798301.aspx>

#### NEW QUESTION 92

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 have a query for a table named Sales. Sales has a column named CustomerID. The Data Type of CustomerID is Whole Number.

You refresh the data and find several errors. You discover that new entries in the Sales table contain nonnumeric values.

You need to ensure that nonnumeric values in the CustomerID column are set to 0.

Solution: From Query Editor, open Advanced Editor and add the following query step.

#"Replaced Errors" - Table.ReplaceErrorValues(s"Changed Type", {"CustomerID", 0}) Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### NEW QUESTION 94

You plan to deploy a Power BI app workspace that will be viewed by 10,000 users. You need to ensure that dashboard data can be updated every 30 minutes. What should you do?

- A. Assign each user a Power BI Pro license.
- B. Store the dataset in Microsoft Azure Storage that uses the Premium storage tier.
- C. Create the app workspace by using an account that is assigned a Power BI Pro license.
- D. Configure the app workspace for Premium capacity.

**Answer:** D

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/service-premium>

#### NEW QUESTION 99

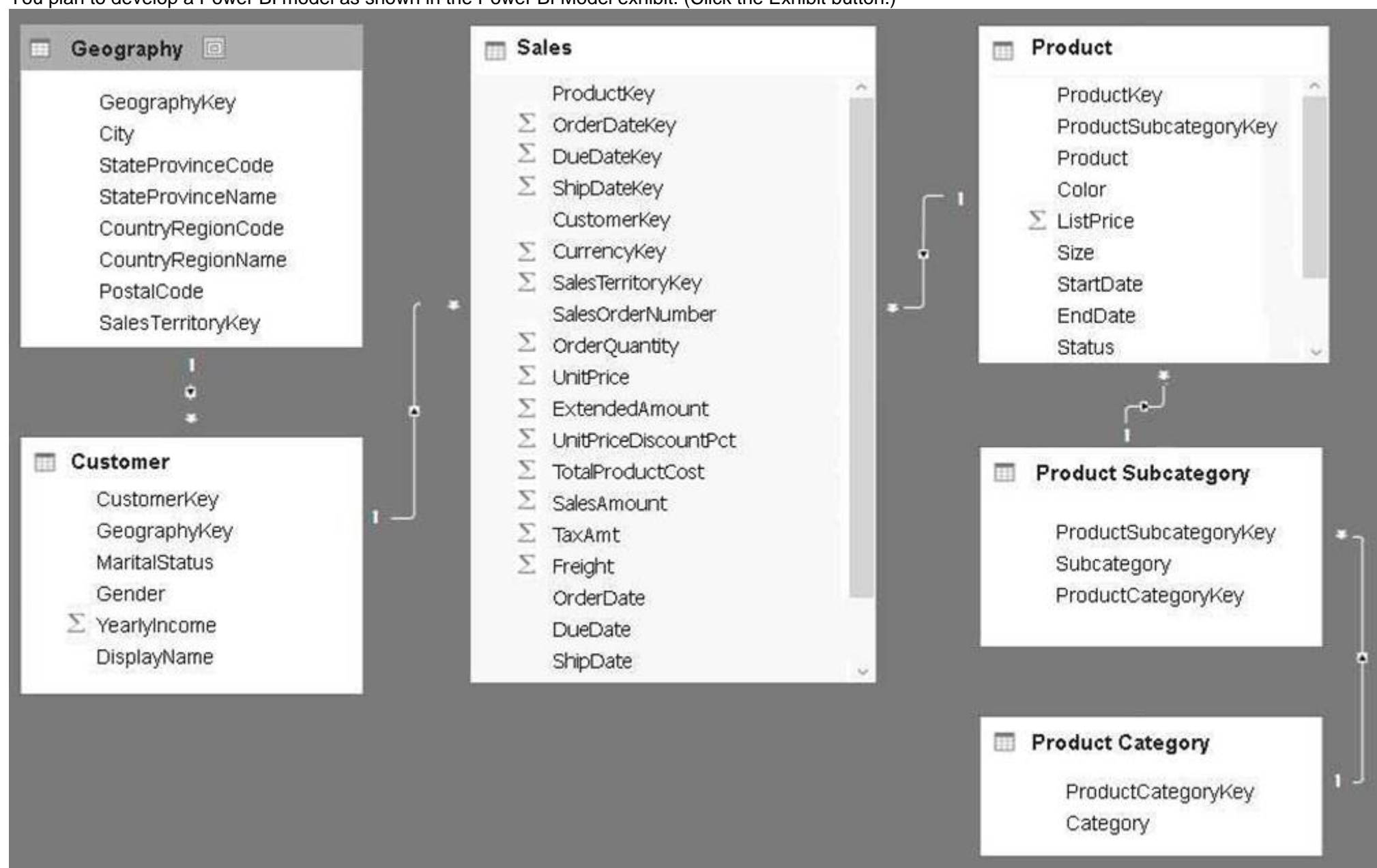
Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario.

You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit button.)

<b>dimGeography</b> [GeographyKey] [City] [StateProvinceCode] [StateProvinceName] [CountryRegionCode] [EnglishCountryRegionName] [PostalCode] [SalesTerritoryKey] [IpAddressLocator]	<b>Sales</b> [ProductKey] [OrderDateKey] [DueDateKey] [ShipDateKey] [CustomerKey] [PromotionKey] [CurrencyKey] [SalesTerritoryKey] [SalesOrderNumber] [SalesOrderLineNumber] [OrderQuantity] [UnitPrice] [ExtendedAmount] [UnitPriceDiscountPct] [DiscountAmount] ProductStandardCost [TotalProductCost] [SalesAmount] [TaxAmt] [Freight] [OrderDate] [DueDate] [ShipDate]	<b>dimProduct</b> [ProductKey] [ProductSubcategoryKey] [EnglishProductName] [Color] [ListPrice] [Size] [StartDate] [EndDate] [Status]
<b>dimCustomer</b> [CustomerKey] [GeographyKey] [DisplayName] [MaritalStatus] [Gender] [YearlyIncome]		<b>dimProductSubcategory</b> [ProductSubcategoryKey] [ProductSubcategoryAlternateKey] [EnglishProductSubcategoryName] [SpanishProductSubcategoryName] [FrenchProductSubcategoryName] [ProductCategoryKey]
		<b>dimProductCategory</b> [ProductCategoryKey] [ProductCategoryAlternateKey] [EnglishProductCategoryName] [SpanishProductCategoryName] [FrenchProductCategoryName]

You plan to develop a Power BI model as shown in the Power BI Model exhibit. (Click the Exhibit button.)



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory[Subcategory] contains NULL values. End of Repeated Scenario.

You are implementing the Power BI model.

You need to edit the Product Category query to match the desired Power BI model.

How should you complete the advanced query? 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 pint.

Values

Table.Combine

Table.RemoveColumns

Table.RemoveRows

Table.RenameColumns

Table.ReorderColumns

Table.SelectColumns

Answer Area

```

let
    Source = Sql.Database("localhost"),
    DB1 = Source([Name="DB1"])[Data],
    dbo_DimProductCategory = DB1[["Schema-"&"dbo",Item="DimProductCategory"]][Data],
    #"Var1" = (dbo_DimProductCategory, {"ProductCategoryAlternateKey",
        "SpanishProductCategoryName", "FrenchProductCategoryName"})
    #"Var2" = (#"Var1", {"EnglishProductCategoryName", "Category"})
in
    #"Var2"
                    
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Table.RemoveColumns  
 Box 2: Table.RenameColumns References:  
<https://msdn.microsoft.com/en-us/library/mt260776.aspx> <https://msdn.microsoft.com/en-us/library/mt260808.aspx>

NEW QUESTION 103

You have a query that retrieves sales data. A sample of the data is shown in the following table.

Date	CustomerId	ProductId	Quantity
10/10/2016	8877	8878	5
null	8877	8879	5
null	8877	8880	5
10/11/2016	5723	1234	2
null	5723	1235	3
null	5723	1236	5
null	5723	1237	10
10/12/2016	4356	4401	11
null	5723	4908	2

You need to ensure that the values in the Date column contain a date. Null values must be replaced with the date from the previous row.  
 What should you click on the Transform tab in Query Editor?

- A. Format, and then Clean
- B. Date, and then Earliest
- C. Fill, and then Down
- D. Replace Values, and then Replace Errors

Answer: C

Explanation:

References:  
<https://www.excelcampus.com/library/fill-down-blank-null-cells-power-query/>

NEW QUESTION 104

Your company has a custom line-of-business application named SalesApp.  
 The developers of SalesApp want to push data into the Power BI service to create several visualizations. You need to ensure that the developers can push the data from SalesApp to the Power BI service.  
 What should you do?

- A. Go to portal.azure.com and create a web app.
- B. Go to dev.powerbi.com/apps and register an application.
- C. Go to app.powerbi.com/admin-portal and click Publish to web.
- D. Go to app.powerbi.com and create an app workspace.

Answer: B

Explanation:



References:

<https://docs.microsoft.com/en-us/power-bi/developer/walkthrough-push-data-register-app-with-azure-ad>

#### NEW QUESTION 106

You have a Power BI report in an app workspace.

You plan to embed a report from the app workspace into a line-of-business application by using Power BI Embedded.

Which information should you provide to the application developers?

- A. The application token and the report URL
- B. The report URL and a user name
- C. The app workspace name and the access key
- D. The access key and the report ID

**Answer:** C

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/developer/integrate-report>

#### NEW QUESTION 110

You have a Power BI report that is configured to use row-level security (RLS).

You have the following roles:

A manager role that limits managers to see only the sales data from the stores they manage.

A region role that limits users to see only the data from their respective region

You plan to use Power BI Embedded to embed the report into an application. The application will authenticate the users.

You need to ensure that RLS is enforced when accessing the embedded report. What should you do?

- A. In the access token for the application, include the user name and the role name.
- B. In the access token for the application, include the report URL and the Microsoft Azure Active Directory Domain name.
- C. From dev.powerbi.com/apps, register the new application and enable the Read All Reports API access.
- D. From dev.powerbi.com/apps, register the new application and enable the Read All Groups API access.

**Answer:** A

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/developer/embedded-row-level-security>

#### NEW QUESTION 115

You plan to use Power BI Desktop to import 100 CSV files.

The files contain data from different stores. The files have the same structure and are stored in a network share.

You need to import the CSV files into one table. The solution must minimize administrative effort. What should you do?

- A. Add a folder data source and use the Combine Files command.
- B. Add a folder data source and use the Merge Queries command.
- C. Add a Microsoft Excel data source and use the Merge Queries command.
- D. Add text/CSV data sources and use the Append Queries command.

**Answer:** A

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/desktop-combine-binaries>

#### NEW QUESTION 120

You have a Microsoft SQL Server Analysis Services (SSAS) cube that contains historical data. In Power BI Desktop, you have the following query for the cube.

```
let
    Source = AnalysisServices.Database("msi", "Test", [TypedMeasureColumns=true]),
    Model1 = Source{[Id="Model"]}[Data],
    Model2 = Model1{[Id="Model"]}[Data],
    #"Added Items" = Cube.Transform(Model2,
        {
            ...
        }
    ),
    #"Changed Type" = Table.TransformColumnTypes(#"Added Items",{{"FactInternetSales.CarrierTrackingNumber", Int64.Type}}),
    #"Removed Duplicates" = Table.Distinct(#"Changed Type", {"FactInternetSales.CarrierTrackingNumber"}),
    #"Changed Type1" = Table.TransformColumnTypes(#"Removed Duplicates", {{"FactInternetSales.CustomerPONumber", Int64.Type}})
in
    #"Changed Type1"
```

The query retrieves 25,499 records.



When you check the data warehouse that is the source of the cube, you discover that there are 26,423 records. You need to ensure that the query retrieves all 26,423 records.  
What should you do?

- A. From Query Editor, refresh all the data.
- B. Change the query to use Live connection mode.
- C. Delete the Remove Duplicates step.
- D. Add an Unpivot Columns step.

**Answer: C**

#### NEW QUESTION 125

You have two tables named Customer and Orders. A sample of the Data in Customer is shown in the following table.

CustomerID	CustomerName
1	Customer1
2	Customer2
3	Customer3
4	Customer4

A sample of the data in Orders is shown in the following table.

OrderID	CustomerID	OrderDate	OrderAmount
1	1	12-22-2016	1000
2	1	12-23-2016	1200
3	2	12-24-2016	1100
4	3	12-24-2016	800

You need to create the following new table.

CustomerID	CustomerName	OrderID	OrderDate	OrderAmount
1	Customer1	1	12-22-2016	1000
1	Customer1	2	12-23-2016	1200
2	Customer2	3	12-24-2016	1100
3	Customer3	4	12-24-2016	800
4	Customer4			

You must use Customer as the first table. Which join kind should you use?

- A. Right Anti
- B. Right Outer
- C. Left Anti
- D. Left Outer
- E. Inner

**Answer: D**

#### NEW QUESTION 130

Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario

You have a Microsoft SQL Server database that contains the following tables.

Table name	Column name	Data type
Order	Order_ID	Integer
	Order_date	Datetime
	Order_amount	Currency
	Customer_ID	Integer
	Order_ship_date	Datetime
	Store_ID	Varchar(100)
Customer	Customer_ID	Integer
	First_name	Varchar(100)
	Last_name	Varchar(100)
	Customer_photo	Binary
Date	Date_ID	Integer
	Date_name	Datetime
	Month	Integer
	Week	Integer
	Year	Integer
Monthly_returns	Month_ID	Integer
	Total_returns	Float
	Store_ID	Varchar(100)
Store	Store_ID	Integer
	Name	Varchar(100)
	City	Varchar(100)
	Sales_target	Float

The following columns contain data information:

Date[Month] in the mmyyyy format

Date[Date\_ID] in the ddmmyyyy format

Date[Date\_name] in the mm/dd/yyyy format

Monthly\_returns[Month\_ID] in the mmyyyy format

The Order table contains more than one million rows.

The Store table has relationship to the Monthly\_returns table on the Store\_ID column. This is the only relationship between the tables.

You plan to use Power BI desktop to create an analytics solution for the data. End of repeated scenario.

You are modifying the model to report on the number of order. You need to calculate the number of orders.

What should you do?

- A. Create a calculated measure that uses the COUNTA(Order\_ID) DAX formula.
- B. Create a calculated measure that uses the SUM (Order\_ID) DAX formula.
- C. Create a calculated column that uses the SUM (Order\_ID) DAX formula.
- D. Create a calculated column that uses the COUNTA (Order\_ID) DAX formula.

**Answer: B**

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/desktop-tutorial-create-measures>

### NEW QUESTION 133

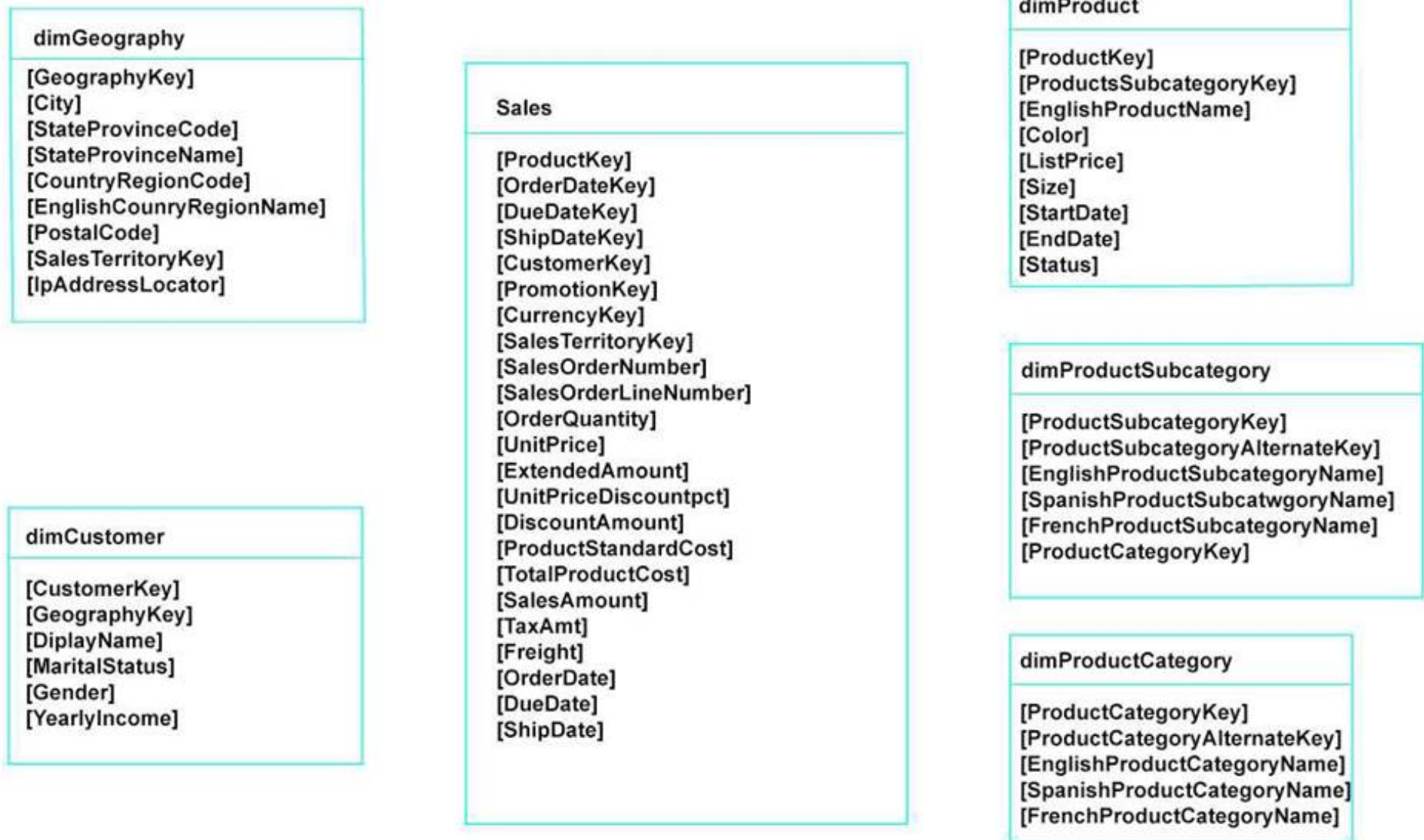
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario

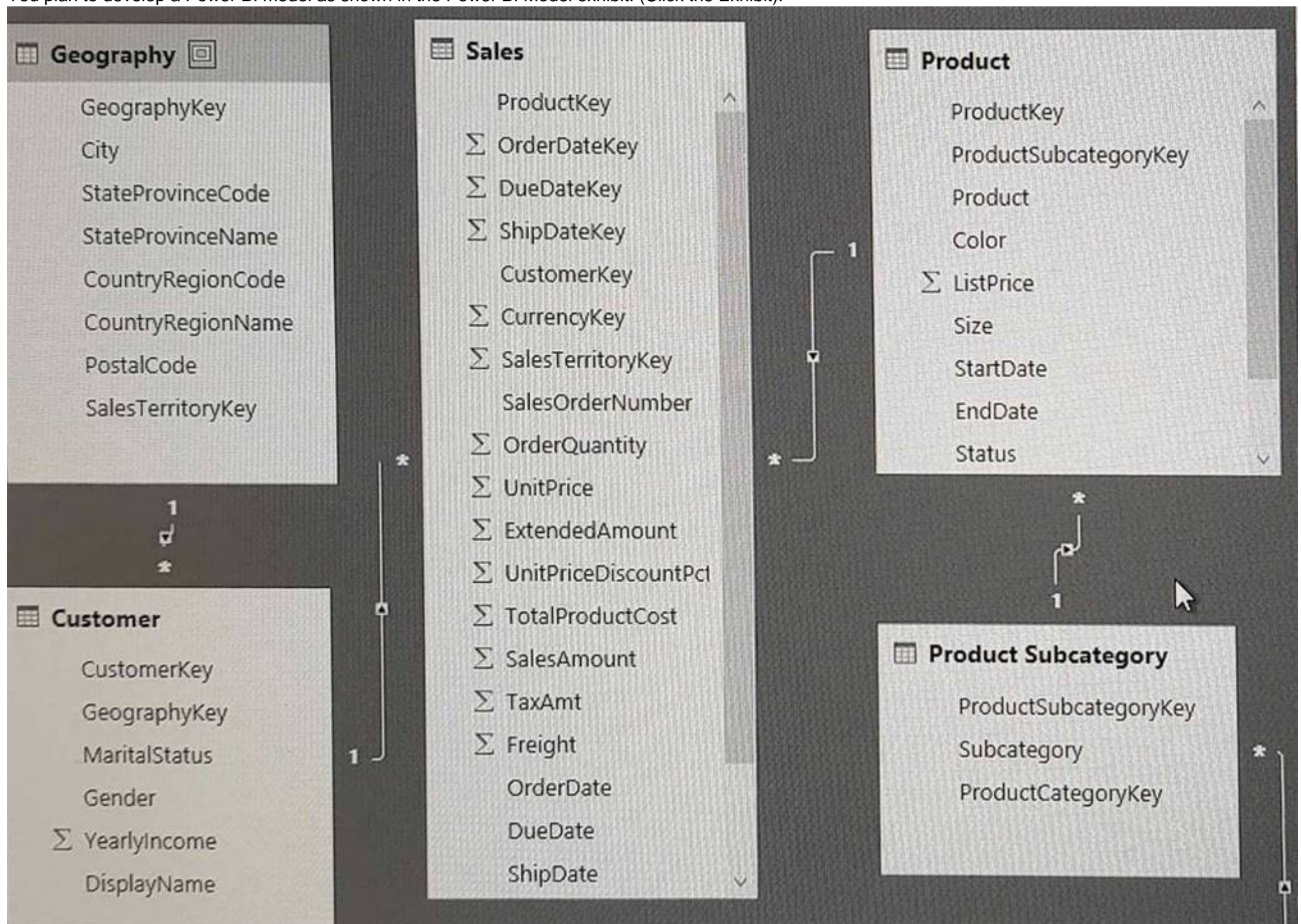
You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)



### Database Diagram



You plan to develop a Power BI model as shown in the Power BI Model exhibit. (Click the Exhibit).



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory [Subcategory] contains NULL values. End of repeated scenario.  
 You implement the Power BI model.  
 You add another table named Territory to the model. A sample of the data is shown in the following table.



Territory Key	Territory Name
1	United States
1	USA
2	Canada
2	Can
3	United Kingdom
3	UK

You need to create a relationship between the Territory table and the Sales table.  
Which function should you use in the query for Territory before you create the relationship?

- A. Table.RemoveMatchingRows
- B. Table.Distinct
- C. Table.InDistinct
- D. Table.ReplaceMatchingRows

**Answer: B**

**Explanation:**

References: <https://msdn.microsoft.com/en-us/library/mt260775.aspx>

**NEW QUESTION 138**

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 have a Microsoft Excel workbook that is saved to Microsoft SharePoint Online. The workbook contains several Power View sheets.  
You need to recreate the Power View sheets as reports in the Power BI service. Solution: From Excel, click Publish to Power BI, and then click Export.  
Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

**NEW QUESTION 143**

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 have a user named User1. User1 is a member of a security group named Contoso PowerBI. User1 has access to a workspace named Contoso Workspace.  
You need to prevent User1 from exporting data from the visualizations in Contoso Workspace. Solution: From the PowerBI setting, you modify the Developer Settings.  
Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

**NEW QUESTION 144**

Note: This question is a 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.  
Your company has 1,000 users in a Microsoft Office 365 subscription.  
A Power BI administrator named Admin1 creates 20 dashboards and shares them with 50 users. You discover that a use name User1 can access all the dashboards.  
You need to prevent User1 from accessing all the dashboards.  
Solution: From the properties of each dashboard, you modify the Share settings. Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

**Explanation:**

References:  
<https://docs.microsoft.com/en-us/power-bi/service-admin-administering-power-bi-in-your-organization#how-do>

**NEW QUESTION 146**

Note: This question is a 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 have a Power BI model that contains two tables named Sales and Date. Sales contains four columns named TotalCost, DueDate, ShipDate, and OrderDate.



Date contains two columns named Date and Time.

The tables have the following relationships:

Sales [DueDate] and Date [Date]

Sales [ShipDate] and Date [Date]

Sales [OrderDate] and Date [Date]

The active relationship is on Sales [DueDate].

You need to create measures to count the number of orders by [ShipDate] and orders by [OrderDate]. You must meet the goal without loading any additional data.

Solution: You create two copies of the Date table named ShipDate and OrderDateGet. You create a measure that uses the new tables.

Does this meet the goal?

A. Yes

B. No

**Answer: B**

#### NEW QUESTION 150

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 have a Microsoft Excel workbook that is saved to Microsoft SharePoint Online. The workbook contains several Power View sheets.

You need to recreate the Power View sheets as reports in the Power BI service.

Solution: From the Power BI service, get the data from SharePoint Online, and then click Import. Does this meet the goal?

A. Yes

B. No

**Answer: A**

#### Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/service-excel-workbook-files>

#### NEW QUESTION 154

You plan to use Power BI Desktop optimized for Power BI Report Server to create a report. The report will be published to Power BI Report Server.

You need to ensure that all the visualization in the report can be consumed by users.

Which two types of visualizations should you exclude from the report? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Funnel charts

B. Custom visuals

C. Bubble maps

D. Breadcrumbs

E. R visuals

**Answer: DE**

#### Explanation:

References: <https://powerbi.microsoft.com/en-us/guided-learning/reportserver-quickstart-powerbi-report/>

#### NEW QUESTION 156

You are creating a Power BI Desktop report that has several bar charts and a date slicer.

You need to create a slide show that can be viewed from the Power BI service. Each slide must display the charts filtered for a different year.

What should you do before you publish the report?

A. Configure report level filters, and then create groups that use the List group type.

B. Configure drillthrough filters for each bar chart, and then select Selection Pane.

C. Filter the bar charts by using the slicer, and then create bookmarks.

D. Configure page level filters, and then create groups that use the Bin group type.

**Answer: C**

#### Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/desktop-bookmarks>

#### NEW QUESTION 160

You have the following tables.

Table name	Column name
Sales	SalesOrderID
	SalesDate
	OrderQty
	UnitPrice
	SalesAmount
	CustomerID
Customer	CustomerID
	CustomerName
	Phone
	Email

You need to create a new table that displays the top 10 customers by the total of SalesAmount.  
 How should you complete the DAX formula? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Top Customers=

▼

FILTER

MAX

RANKX

TOPN

(10,

▼

CALCULATETABLE

SUMMARIZECOLUMNS

SUMMARIZE

VALUES

(Customers', 'Customers' [CustomerName]), SUM ('Sales' [SalesAmount]), DESC)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
 References: <https://msdn.microsoft.com/en-us/library/gg492198.aspx>

**NEW QUESTION 165**  
 You have the following tables.

Table name	Column name
Transactions	TransactionID
	TransactionDate
	TransactionQuantity
Date	Date
	Day
	Month
	Year

You need to create a measure to calculate a running total of TransactionQuantity.  
 How should you complete the DAX formula? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

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Answer Area

```
Cumulative Quantity=
(
    CALCULATE
    (
        CALCULATETABLE
        (
            DATESBETWEEN
            (
                SUMX
                (
                    SUM ('Transactions' [TransactionQuantity]),
                    FILTER (
                        (
                            ('Date' [Date])
                            <= MAX ('Date' [Date])
                        )
                    )
                )
            )
        )
    )
)
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
 References:  
<http://www.daxpatterns.com/cumulative-total/>

NEW QUESTION 169  
 You are creating a report in Power BI Desktop. You are consuming the following tables.

Total name	Column name	Data type
Sales	SalesID	Integer
	SalesDate	Datetime
	TotalPrice	Float
	CustomerID	Integer
	SalesShipDate	Datetime
	StoreID	Varchar(100)
Date	Date	Datetime
	DateKey	Integer
	DateName	Datetime
	MonthNumber	Integer
	MonthName	Varchar(3)
	Year	Integer

You have a new table named Fiscal that has the same schema as the Date table, but contains the fiscal dates of your company. You need to create a report that displays the total sales by fiscal month and calendar month. What should you do?

- A. Union Fiscal and Date as one table.
- B. Add Fiscal to the model and create a one-to-many relationship by using Date[Year] and Fiscal[Year].
- C. Add Fiscal to the model and create a one-to-one relationship by using Date[Year] and Fiscal[Year].
- D. Merge Fiscal into the Date table.

Answer: D

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



NEW QUESTION 170  
You have the following tables.

Table name	Column name
Sales	SalesOrderID
	SalesDate
	OrderQty
	UnitPrice
	SalesAmount
	CustomerID
Customers	CustomerID
	CustomerName
	Phone
	Email

You need to create a new table that displays the top 10 customers by the total of SalesAmount.  
How should you complete the DAX formula? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Top Customers=

(SUM(Sales[Profit]),

CALCULATE

FILTER

TOPN

RANKX

(10, Customer, SUM(Sales[Profit]))

CALCULATE

RANKX

TOPN

VALUES

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Top Customers=

(SUM(Sales[Profit]),

CALCULATE

FILTER

TOPN

RANKX

(10, Customer, SUM(Sales[Profit]))

CALCULATE

RANKX

TOPN

VALUES

NEW QUESTION 173  
You have a Microsoft Excel 2016 workbook that has a Power Pivot model. The model contains the following tables:  
Product (Product\_id, Product\_Name)  
Sales (Order\_id, Order\_Date, Product\_id, Salesperson\_id, Sales\_Amount)  
Salesperson (Salesperson\_id, Salesperson\_name, address)  
The model has the following relationships:

Sales to Product

Sales to Salesperson

You create a new Power BI file and import the Power Pivot model.

You need to ensure that you can generate a report that displays the count of products sold by each salesperson. What should you do before you create the report?

- A. Create a many-to-one relationship between Product and Salesperson.
- B. For each relationship, change the Cardinality to One to One (1:1).
- C. Create a one-to-one relationship between Product and Salesperson.
- D. For each relationship, change the Cross filter direction to Both.

**Answer:** D

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/desktop-create-and-manage-relationships>

#### NEW QUESTION 174

You plan to create several datasets by using the Power BI service. You have the files configured as shown in the following table.

File name	File type	Size	Location
Data 1	TSV	50 MB	Microsoft OneDrive
Data 2	XLSX	3 GB	Local
Data 3	XML	100 MB	Microsoft OneDrive for Business
Data 4	CSV	2 GB	Microsoft OneDrive
Data 5	JPG	5 MB	Local

You need to identify which files can be used as datasets.

Which two files should you identify? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Data 1
- B. Data2
- C. Data 3
- D. Data4
- E. Data 5

**Answer:** AE

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/service-get-data>

#### NEW QUESTION 177

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.

Your company has 1,000 users in a Microsoft Office 365 subscription.

A Power BI administrator named Admin1 creates 20 dashboards and shares them with 50 users. You discover that a user named User1 can access all the dashboards.

You need to prevent User1 from accessing all the dashboards.

Solution: From the Office 365 Admin center, you remove the Power BI license from User1. Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### NEW QUESTION 178

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is the same in each question in this series.

You have a Microsoft SQL Server database that contains the following tables.

Table name	Column name	Data type
Order	Order_ID	Integer
	Order_date	Integer
	Order_amount	Currency
	Customer_ID	Integer
	Order_ship_date	Integer
	Store_ID	Integer
Customer	Customer_ID	Integer
	First_name	Varchar(100)
	Last_name	Varchar(100)
	Customer_photo	Binary
Date	Date_ID	Integer
	Date_name	Datetime
	Month	Integer
	Week	Integer
	Year	Integer
Monthly_returns	Month_ID	Integer
	Total_returns	Float
	Store_ID	Varchar(100)
Store	Store_ID	Integer
	Name	Varchar(100)
	City	Varchar(100)
	Sales_target	Float

The following columns contain date information:

- Date[Month] in the mmyyyy format
  - Date[Date\_ID] in the ddmmmyyyy format
  - Date[Date\_name] in the mm/dd/yyyy format
  - Monthly\_returns[Month\_ID] in the mmyyyy format
- The Order table contains more than one million rows.

The Store table has a relationship to the Monthly\_returns table on the Store\_ID column. This is the only relationship between the tables.

You plan to use Power BI Desktop to create an analytics solution for the data.

You need to create a relationship between the Order table and the Store table on the Store\_ID column. What should you do before you create the relationship?

- A. In the Order table query, use the Table.TransformRows function.
- B. In the Store table query, use the Table.TransformRows function.
- C. In the Store table query, use the Table.TransformColumnTypes function.
- D. In the Order table query, use the Table.TransformColumnTypes function.

**Answer: C**

#### NEW QUESTION 179

You are configuring the relationships between the following tables.

Table name	Column name
InsurancePolicy	PolicyID
	AccountID
	Policy_cost
	Date
Account	AccountID
	AccountName
BridgeAccount	AccountID
	CustomerID
Customer	CustomerID
	CustomerName

A customer can have multiple accounts. An account can only be associated to one customer. Each account is associated to only one insurance policy.

You need to configure the relationships between the tables to ensure that you can create a report displaying customers and their associated insurance policies. How should you configure each relationship? To answer, drag the appropriate cardinalities to the correct relationships. 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.



Cardinalities	Answer Area
Many-to-one	Relationship from InsurancePolicy to Account: <input type="text"/>
One-to-many	Relationship from Account to BridgeAccount: <input type="text"/>
One-to-one	Relationship from Customer to BridgeAccount: <input type="text"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
References:  
<https://docs.microsoft.com/en-us/power-bi/desktop-create-and-manage-relationships>

NEW QUESTION 183  
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