

## Exam Questions 70-778

Analyzing and Visualizing Data with Microsoft Power BI (beta)

<https://www.2passeasy.com/dumps/70-778/>



**NEW QUESTION 1**

You have a sales report in an app workspace. The report displays a map of sales by location and a bar chart of sales by year. The report has a slicer to filter the data by year.

You need to create a dashboard that contains visualizations. The solution must ensure that you can use the slicer to filter the data by year.

What should you do?

- A. Pin each visualization to the dashboard, and then add a web content tile.
- B. Add a page level filter, and then pin each visualization to the dashboard.
- C. Publish the app workspace.
- D. Pin the report as a live page.

**Answer:** D

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/service-dashboard-pin-live-tile-from-report>

**NEW QUESTION 2**

Your company has several developers who plan to create custom solutions that will interact with the API for the Power BI service.

Which three operations can the developers achieve by using the API? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

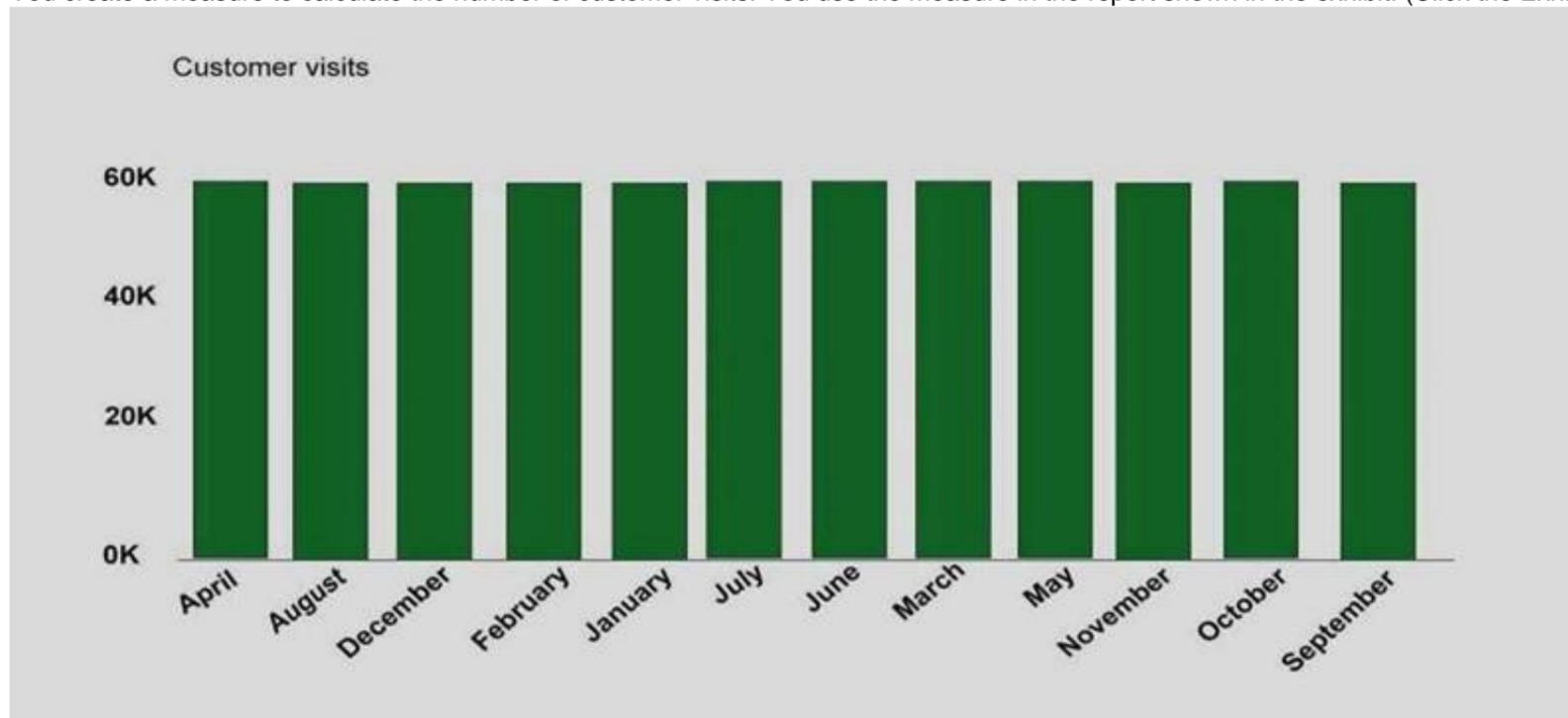
- A. Retrieve rows from a dataset
- B. Create a dataset
- C. Add rows to a dataset
- D. Refresh an imported dataset
- E. Add a member to a row-level security role

**Answer:** ABC

**NEW QUESTION 3**

You have two tables named CustomerVisits and Date in a Power BI model.

You create a measure to calculate the number of customer visits. You use the measure in the report shown in the exhibit. (Click the Exhibit.)



You discover that the total number of customer visits was 60,000, and that there were only 5,000 customer visits in August.

You need to fix the report to display the correct data for each month. What should you do?

- A. Create a relationship between the CustomerVisits table and the Date table.
- B. Create a hierarchy in the Date table.
- C. Modify the measure to use the CALCULATE DAX function.
- D. Modify the measure to use the SUM DAX function.

**Answer:** A

**Explanation:**

References:

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

**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 from 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 file
- D. Pin the visualization to the dashboard.
- E. Edit the report and import a visualization from the marketplace
- 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 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 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**

Your company has a security policy stating that proprietary data must not be transferred over the Internet. During a security audit, auditors discover that executives use the Power BI service for reporting. You need to recommend a solution to ensure that the company adheres to the security policy. What should you include in the recommendation?

- A. Microsoft SQL Server column encryption
- B. Microsoft Azure ExpressRoute
- C. a site-to-site VPN to Microsoft Azure
- D. the on-premises gateway for Power BI

**Answer:** B

**Explanation:**

References:

<https://docs.microsoft.com/en-us/power-bi/service-admin-power-bi-expressroute>

**NEW QUESTION 8**

You plan to use Power BI Embedded to deliver reports in a web application. You need to ensure that the reports display live data.

Which data source should you use?

- A. Microsoft Azure Data Lake Store
- B. Microsoft Azure Table Storage
- C. Microsoft Azure HDInsight
- D. Microsoft Azure SQL Database

**Answer:** D

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/service-azure-sql-database-with-direct-connect>

**NEW QUESTION 9**

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 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 a relationship to the Monthly\_returns table on the StoreID 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?

- Add a second Date table named Ship\_date to the mode
- Create a many-to-many relationship from Date[Date\_ID] to Order [Order\_date] and a many-to-many relationship from Ship\_date[DateID] to Order[Order\_ship\_date].
- Add a second Date table named Ship\_date to the mode
- 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].
- 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].
- 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 10**

You create a report in the Power BI service that displays the following visualizations:

- A KPI that displays the count of customers
- A table that displays the count of customers by country
- A line chart that displays the count of customers by year

You need to receive an alert when the total number of customers reaches 10,000. What should you do first?

- Pin the line chart to a dashboard.
- Pin the KPI to a dashboard.
- Embed the report into a Microsoft SharePoint page.
- Pin the report to a dashboard.

**Answer: D**

**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.



**Answer Area**

Columns to select:

Command to use:

- 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 11

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@wingtip toys.com	Admin		
maxwel@wingri toys.com	Member		
james@wingri toys.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 13

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 18**

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 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, select the CustomerID column and click Replace Errors. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**Explanation:**

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

**NEW QUESTION 20**

You have a Power BI dashboard that displays different visualizations of company sales. You enable Q&A on the dashboard.

You need to provide users with sample questions that they can ask when using Q&A. Which settings should you modify from the Power BI Settings?

- A. Subscriptions
- B. Dashboards
- C. Datasets
- D. Workbooks

**Answer:** C

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/service-q-and-a-create-featured-questions>

**NEW QUESTION 21**

You have a query that retrieves data from a Microsoft Azure SQL database.

You discover that column named ErrorCode has several values starting with a space character, and a column named SubStatus contains several non-printable characters.

You need to remove all the leading whitespaces from ErrorCode and all the non-printable characters from SubStatus. All other data must be retained.

What should you do on each column? To answer, drag the appropriate tasks to the correct columns. Each task 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**

**ErrorCode:**

▼

From the Extract menu, click First Characters.  
 From the Extract menu, click Length.  
 From the Extract menu, click Clean.  
 From the Extract menu, click Trim.

**SubStatus:**

▼

From the Extract menu, click First Characters.  
 From the Extract menu, click Length.  
 From the Extract menu, click Clean.  
 From the Extract menu, click Trim.

- A. Mastered
- B. Not Mastered

**Answer:** A

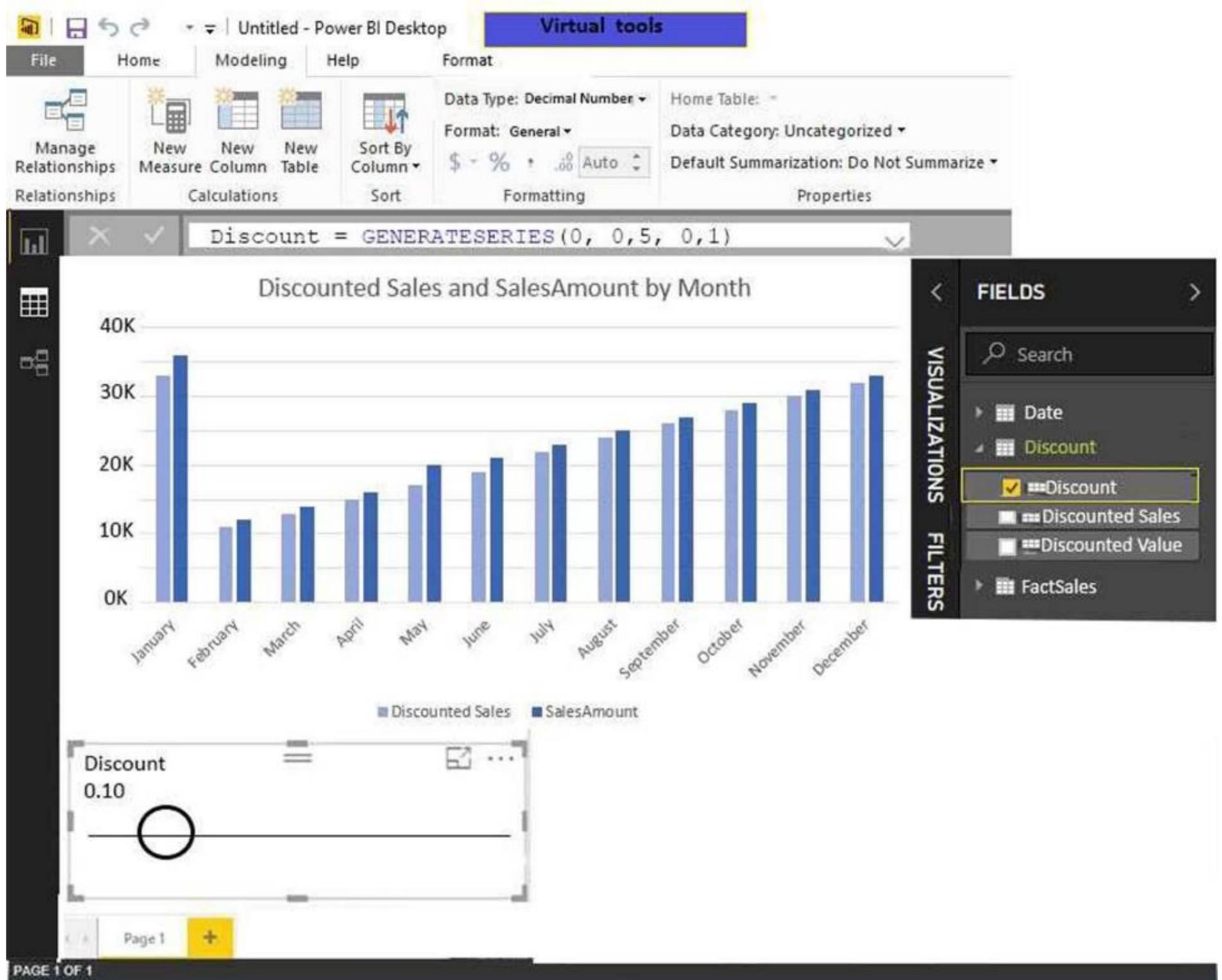
**Explanation:**

References:

<https://msdn.microsoft.com/en-us/library/mt260494.aspx> <https://msdn.microsoft.com/en-us/library/mt253328.aspx>

**NEW QUESTION 24**

You have the report 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.

### Answer Area

Discount[Discount] was created by using the [answer choice] command.

	▼
New Column	
New Measure	
New Parameter	
New Table	

The maximum value for the Discount slicer is [answer choice].

	▼
0.1	
0.5	
1	
50	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

### Answer Area

Discount[Discount] was created by using the [answer choice] command.

	▼
New Column	
New Measure	
New Parameter	
New Table	

The maximum value for the Discount slicer is [answer choice].

	▼
0.1	
0.5	
1	
50	

#### NEW QUESTION 26

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.)

dimGeography
[GeographyKey]
[City]
[StateProvinceCode]
[StateProvinceName]
[CountryRegionCode]
[EnglishCountryRegionName]
[PostalCode]
[SalesTerritoryKey]
[IpAddressLocator]

Sales
[ProductKey]
[OrderDateKey]
[DueDateKey]
[ShipDateKey]
[CustomerKey]
[PromotionKey]
[CurrencyKey]
[SalesTerritoryKey]
[SalesOrderNumber]
[SalesOrderLineNumber]
[OrderQuantity]
[UnitPrice]
[ExtendedAmount]
[UnitPriceDiscountPct]
[DiscountAmount]
ProductStandardCost]
[TotalProductCost]
[SalesAmount]
[TaxAmt]
[Freight]
[OrderDate]
[DueDate]
[ShipDate]

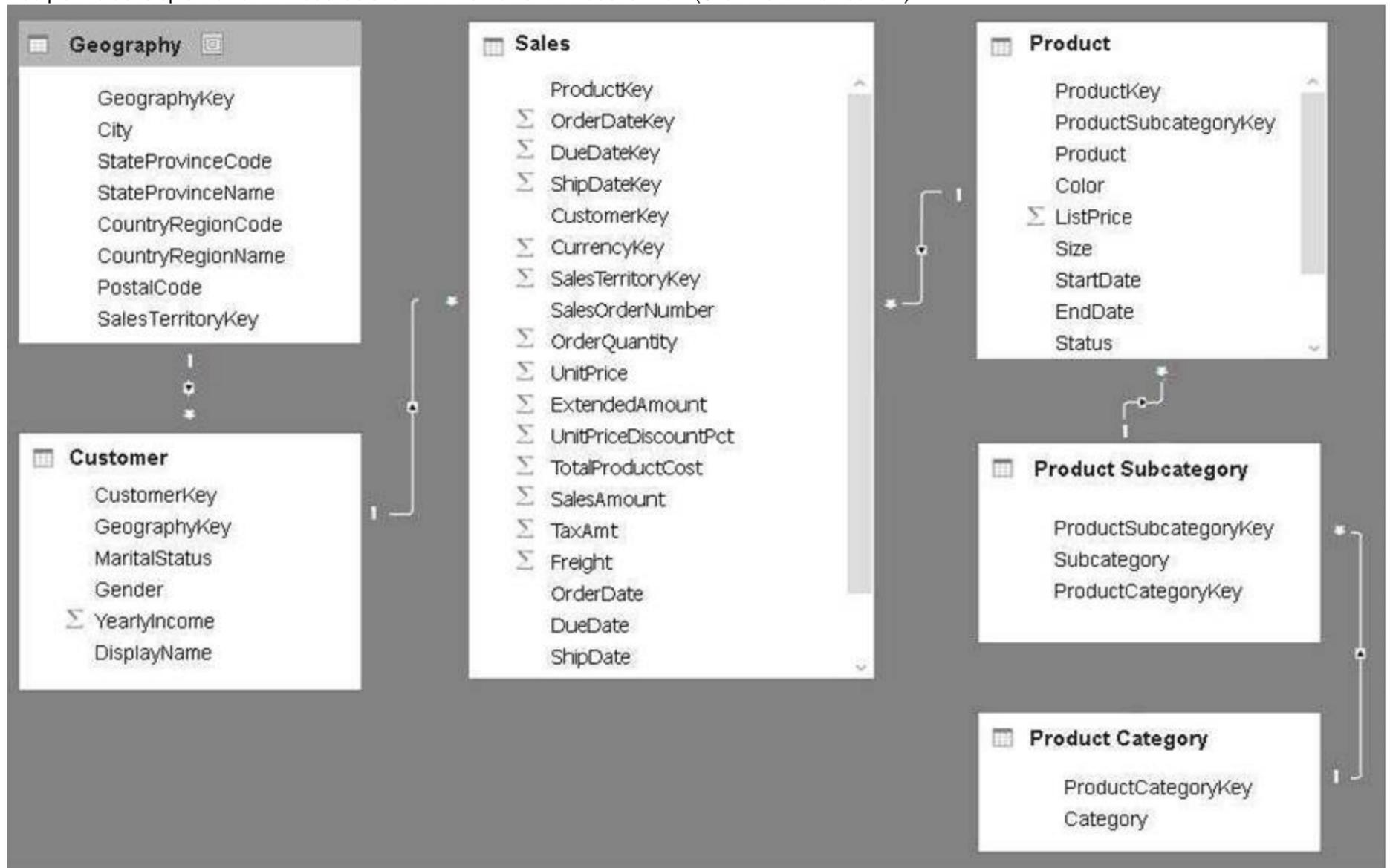
dimProduct
[ProductKey]
[ProductSubcategoryKey]
[EnglishProductName]
[Color]
[ListPrice]
[Size]
[StartDate]
[EndDate]
[Status]

dimCustomer
[CustomerKey]
[GeographyKey]
[DisplayName]
[MaritalStatus]
[Gender]
[YearlyIncome]

dimProductSubcategory
[ProductSubcategoryKey]
[ProductSubcategoryAlternateKey]
[EnglishProductSubcategoryName]
[SpanishProductSubcategoryName]
[FrenchProductSubcategoryName]
[ProductCategoryKey]

dimProductCategory
[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 implement the Power BI model.

You plan to add a table named Date to the model. The table will have columns for the date, year, month, and end of the last month, and will include data from January 1, 2013 to December 31, 2015.

The Date table and the Sales table will have a relationship. Which DAX functions should you use to create the columns?

- A. CALENDARAUTO, YEAR, MONTH, and EOMONTH
- B. CALENDAR, YEAR, MONTH, and ENDOFMONTH
- C. CALENDARAUTO, YEAR, MONTH, and ENDOFMONTH
- D. CALENDAR, YEAR, MONTH, and EOMONTH

Answer: D

**Explanation:**

References:  
<https://msdn.microsoft.com/en-us/query-bi/dax/calendar-function-dax> <https://msdn.microsoft.com/en-us/query-bi/dax/year-function-dax>  
<https://msdn.microsoft.com/en-us/query-bi/dax/month-function-dax> <https://msdn.microsoft.com/en-us/query-bi/dax/eomonth-function-dax>

**NEW QUESTION 31**

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.

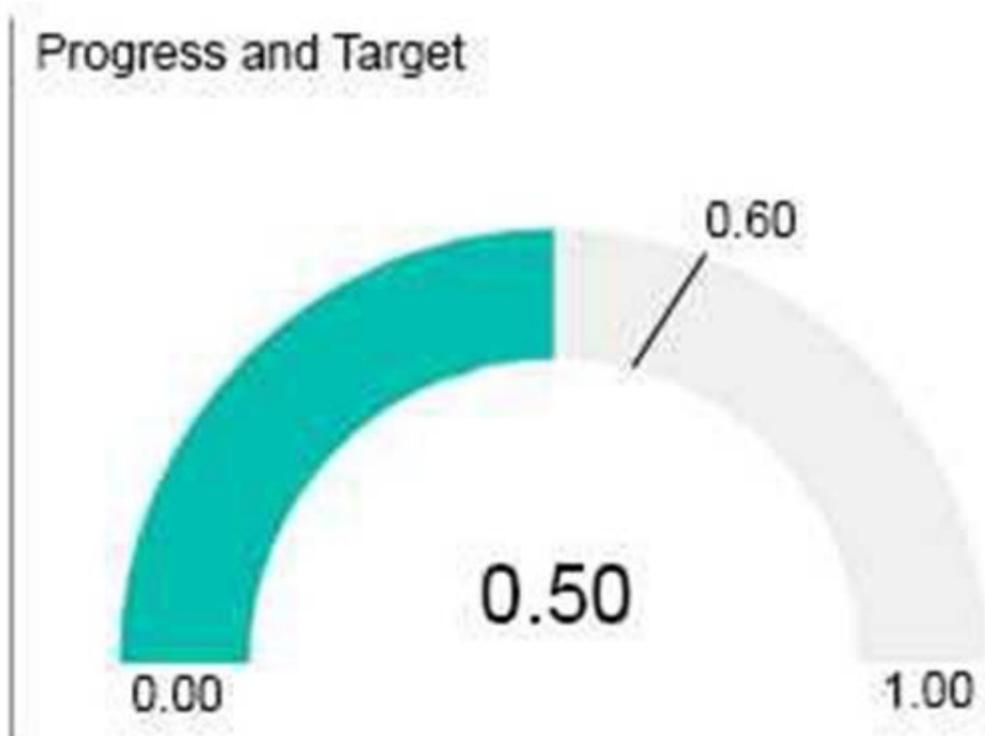
Answer: C

**Explanation:**

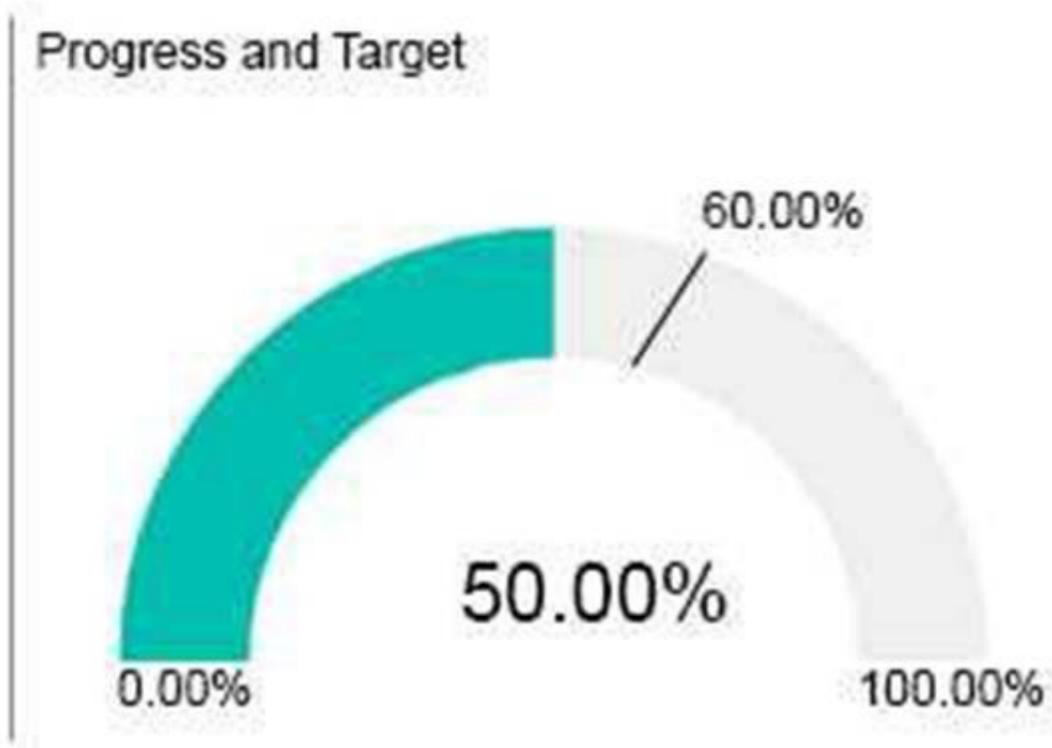
References:  
<https://docs.microsoft.com/en-us/power-bi/service-q-and-a-direct-query#limitations-during-public-preview>

**NEW QUESTION 32**

You have the visualization shown in the following exhibit.



You need to display the values as shown in the following exhibit.



What should you do?

- A. Create a calculated column that adds the % symbol to the values.
- B. From the Modeling tab, change the Data Type to Percentage.
- C. Edit the query of the data source and change the Data Type to Percentage.
- D. Create a measure that adds the % symbol to the values,

**Answer: D**

**NEW QUESTION 36**

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 41**

You have a Power BI model for sales data. You create a measure to calculate the year-to-date sales.

You need to compare the year-to-date sales with the previous year for the same time period. Which DAX function should you use?

- A. LASTDATE
- B. TOTALYTFD
- C. SAMEPERIODLASTYEAR
- D. PREVIOUSYEAR

**Answer: C**

**NEW QUESTION 42**

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**

**Answer Area**

**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.**



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

**NEW QUESTION 44**

You have a power BI model that contains the following tables:

Assets( AssetsID, AssetName, Purchase\_DateID, Value)

Date( DateID, Date, Month, Week, Year)

The tables have relationship. Date is marked as a date table in the Power BI model.

You need to create a measure to calculate the percentage that the total assets value increased since one year ago.

Which DAX formula should you use?

- A.  $(\text{sum}(\text{Assets}[\text{Value}]) - \text{CALCULATE}(\text{sum}(\text{Assets}[\text{Value}]), \text{SAMEPERIODLASTYEAR}('Date'[\text{Date}]))) / \text{CALCULATE}(\text{sum}(\text{Assets}[\text{Value}]), \text{DATEYTD}('Date'[\text{Date}]))$
- B.  $\text{CALCULATE}(\text{sum}(\text{Assets}[\text{Value}]), \text{DATEYTD}('Date'[\text{Date}])) / \text{sum}(\text{Assets}[\text{Value}])$
- C.  $\text{sum}(\text{Assets}[\text{Value}]) - \text{CALCULATE}(\text{sum}(\text{Assets}[\text{Value}]), \text{SAMEPERIODLASTYEAR}('Date'[\text{Date}]))) / \text{sum}(\text{Assets}[\text{Value}])$
- D.  $\text{CALCULATE}(\text{sum}(\text{Assets}[\text{Value}]), \text{SAMEPERIODLASTYEAR}('Date'[\text{Date}])) / \text{sum}(\text{Assets}[\text{Value}])$

**Answer:** C

**Explanation:**

References:

<https://msdn.microsoft.com/en-us/library/ee634825.aspx> <https://docs.microsoft.com/en-us/power-bi/desktop-quickstart-learn-dax-basics>

<https://msdn.microsoft.com/en-us/library/ee634972.aspx>

**NEW QUESTION 48**

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 plan to create a chart that displays total Order [Order\_amount] by Store [Name]. You need to modify the model to ensure that you can create the chart.

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

- A. To the Order table, add a column that uses the RELATED('Store' [Store\_ID]) DAX formula.
- B. Create a relationship between the Order table and the Store table.
- C. To the Order table, add a measure that uses the COUNT ('Order'[Order\_amount]) DAX formula.
- D. To the order table, add a measure that uses the SUM ('Order' [Order\_amount]) DAX formula.

**Answer:** AD

**Explanation:**

References:

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

**NEW QUESTION 49**

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 53**

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

dimGeography
[GeographyKey]
[City]
[StateProvinceCode]
[StateProvinceName]
[CountryRegionCode]
[EnglishCountryRegionName]
[PostalCode]
[SalesTerritoryKey]
[IpAddressLocator]

dimCustomer
[CustomerKey]
[GeographyKey]
[Display Name]
[MaritalStatus]
[Gender]
[YearlyIncome]

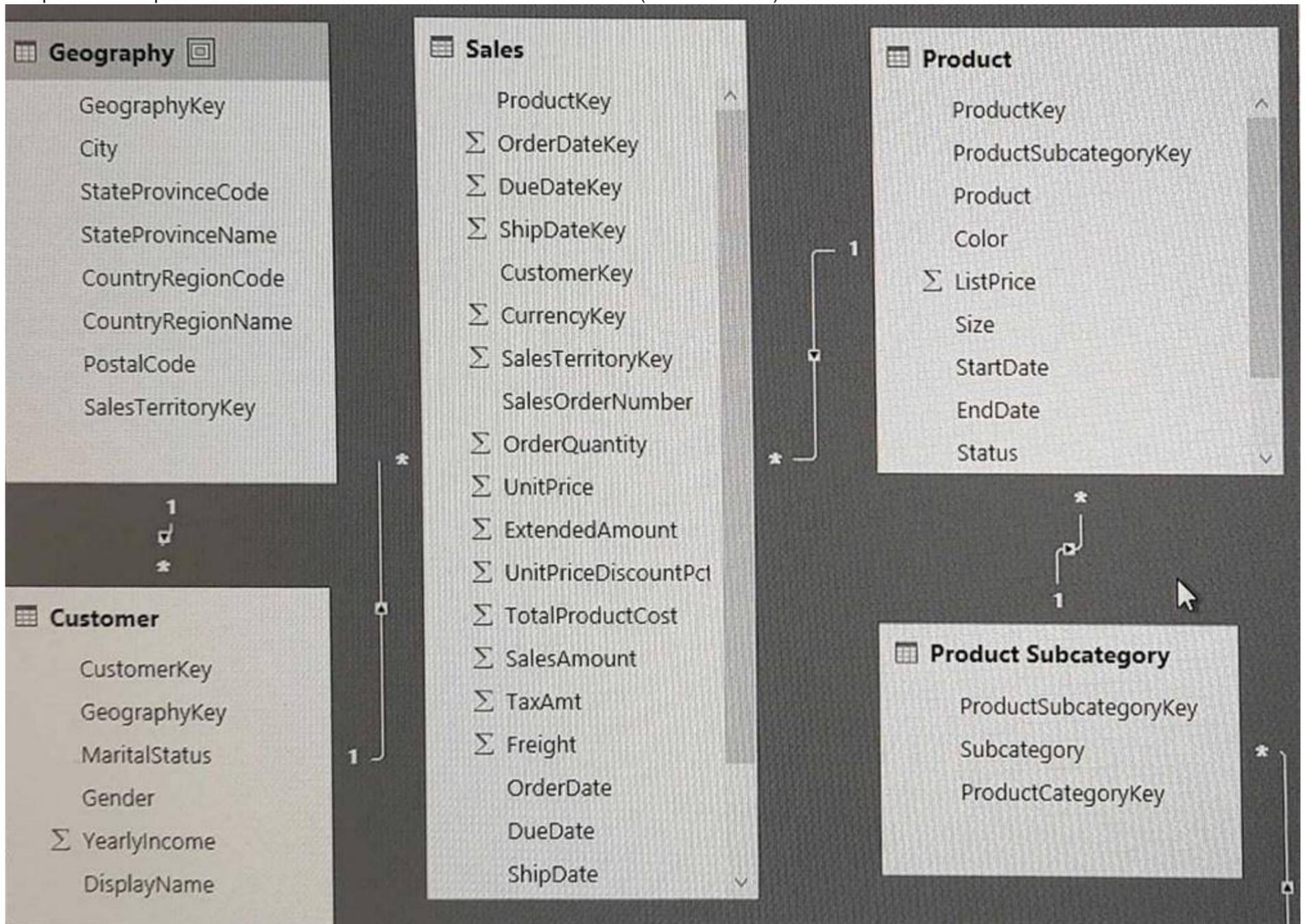
Sales
[ProductKey]
[OrderDateKey]
[DueDateKey]
[ShipDateKey]
[CustomerKey]
[PromotionKey]
[CurrencyKey]
[SalesTerritoryKey]
[SalesOrderNumber]
[SalesOrderLineNumber]
[OrderQuantity]
[UnitPrice]
[ExtendedAmount]
[UnitPriceDiscountpct]
[DiscountAmount]
[ProductStandardCost]
[TotalProductCost]
[SalesAmount]
[TaxAmt]
[Freight]
[OrderDate]
[DueDate]
[ShipDate]

dimProduct
[ProductKey]
[ProductsSubcategoryKey]
[EnglishProductName]
[Color]
[ListPrice]
[Size]
[StartDate]
[EndDate]
[Status]

dimProductSubcategory
[ProductSubcategoryKey]
[ProductSubcategoryAlternateKey]
[EnglishProductSubcategoryName]
[SpanishProductSubcategoryName]
[FrenchProductSubcategoryName]
[ProductCategoryKey]

dimProductCategory
[ProductCategoryKey]
[ProductCategoryAlternateKey]
[EnglishProductCategoryName]
[SpanishProductCategoryName]
[FrenchProductCategoryName]

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 add a measure to rank total sales by product. The results must appear as shown in the following table.

Rank	Product	SalesAmount
1	Product3	13,0000
1	Product2	13,0000
2	Product1	12,0000
3	Product5	10,000
3	Product4	10,000

Which DAX formula should you use?

- A. Product Ranking= RANKX (Product, [SalesAmount], , DESC, Skip)
- B. Product Ranking= RANKX (ALL, ('Product'), [SalesAmount], , DESC, Dense)
- C. Product Ranking= RANKX (ALL, ('Product'), [SalesAmount], , DESC, Skip)
- D. Product Ranking= RANKX (ALL ('Product'), [SalesAmount], , Asc, Dense)

**Answer:** B

**Explanation:**

References: <https://msdn.microsoft.com/en-us/library/gg492185.aspx>

**NEW QUESTION 54**

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 55**

You create a new app workspace. You add a user named User1 as a member of the workspace. User1 can edit content.

You plan to create a report in an app workspace that uses data from a Microsoft Azure SQL database.

You need to create the report. The solution must ensure that User1 can edit the report from Power BI Desktop and from powerbi.com.

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.

**Actions**

- From Power BI Desktop, publish the report to the Power BI service.
- From powerbi.com, add a dataset.
- From powerbi.com, create a report.
- From powerbi.com, publish the report to the web.
- From Power BI Desktop, create a report.
- From Power BI Desktop, add a data source.

**Answer Area**

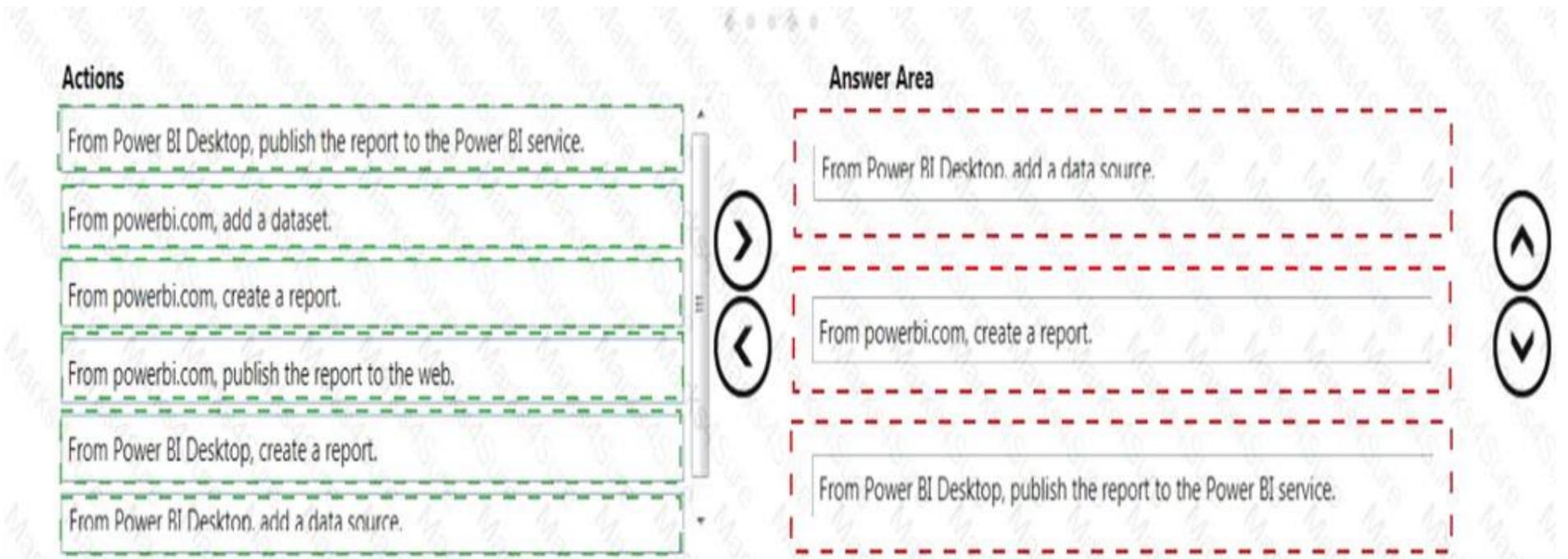
>  
<

^  
v

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 58**

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.  ([phone\_number], "x",

{0,  .FromEnd})

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

**NEW QUESTION 63**

You need to create a dashboard in the Power BI service to display data from a PubNub source. What should you do?

- A. Add a Microsoft SQL Server Analysis Services (SSAS) data source that uses Connect live and create a report
- B. Pin the report to a dashboard.
- C. Create an app workspace and publish the workspace to a dashboard.
- D. Add a Microsoft Azure SQL database data source that uses DirectQuery and create a report
- E. Pin the report to a dashboard.
- F. Add a custom streaming data tile to a dashboard.

Answer: D

**Explanation:**

References:

<https://docs.microsoft.com/en-us/power-bi/service-real-time-streaming#set-up-your-real-time-streaming-dataset->

**NEW QUESTION 64**

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 remove User1 from the All Users security group. Does this meet the goal?

- A. Yes
- B. No

Answer: B

**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 67**

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 configure a KPI indicator to show the monthly sales of a store versus the target sales of the store. How should you configure the KPI indicator? To answer, drag the appropriate column to the correct fields.

Each column 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.

COLUMNS	Answer Area
Date[Date_name]	Indicator: <span style="border: 1px dashed black; padding: 5px; margin-left: 20px;">COLUMNS</span>
Date[Month]	Trend axis: <span style="border: 1px dashed black; padding: 5px; margin-left: 20px;">COLUMNS</span>
Order[Order_amount]	Target goals: <span style="border: 1px dashed black; padding: 5px; margin-left: 20px;">COLUMNS</span>
Order[Order_ID]	
Store[Sales-target]	

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Indicator : Order[Order\_amount] Trend axis = Date[Month]

Target goals = Store[Sales-target]

References:

<https://powerbi.microsoft.com/en-us/guided-learning/powerbi-service-tutorial-kpi/#how-to-create-a-kpi>

**NEW QUESTION 69**

You have a Power Pivot model that includes a KPI.

You need to create a visualization based on the Power Pivot model as shown in the exhibit. (Click the Exhibit button.)

Year	Month	RevenueTY	RevenueTY Goal	RevenueTY Status
2013	August	\$4,689,121	\$4,521,528	●
	September	\$5,284,376	\$5,455,457	●
	October	\$5,962,371	\$6,418,957	●
	November	\$5,532,316	\$5,770,254	●
	December	\$6,714,041	\$6,771,982	●
2014	January	\$6,748,259	\$6,924,711	●
	February	\$6,999,557	\$7,328,599	●
	March	\$8,938,044	\$8,196,823	●
	April	\$8,518,611	\$8,142,711	●
	May	\$7,982,229	\$7,817,442	●
	June	\$9,183,416	\$9,227,351	●
	July	\$7,451,696	\$7,593,963	●
	August	\$8,068,372	\$7,791,851	●
	September	\$7,669,263	\$7,919,924	●
	October	\$7,813,739	\$7,592,288	●
	November	\$10,322...	\$9,857,259	●

Which type of visualization should you use?

- A. matrix
- B. KPI
- C. multi row card
- D. table

Answer: B

**NEW QUESTION 73**

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 78**

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 Power BI Admin portal, you modify the Dashboard 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 81**

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 82**

You plan to create a dashboard in the Power BI service that retrieves data from a Microsoft SQL Server database. The dashboard will be shared between the users in your organization. You need to ensure that the users will see the current data when they view the dashboard. How should you configure the connection to the data source?

- A. Deploy an on-premises data gateway (personal mode). Import the data by using the Import Data Connectivity mode.
- B. Deploy an on-premises data gateway.
- C. Import the data by using the Import Data Connectivity mode.
- D. Deploy an on-premises data gateway.
- E. Import the data by using the DirectQuery Data Connectivity mode.
- F. Deploy an on-premises data gateway (personal mode). Import the data by using the DirectQuery Data Connectivity mode.

**Answer: D**

**Explanation:**

References:

<https://docs.microsoft.com/en-us/power-bi/desktop-directquery-about#power-bi-connectivity-modes>

**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**

You have a Power BI model for sales data. You create a measure to calculate the year-to-date sales. You need to compare the year-to-date sales with the previous year for the same time period. Which DAX function should you use?

- A. DATE ADD
- B. LASTDATE
- C. ENDOFYEAR
- D. PREVIOUSYEAR

**Answer: D**

**NEW QUESTION 92**

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 measures that use the CALCULATE, COUNT, and FILTER DAX functions. Does this meet the goal?

- A. Yes
- B. No

Answer: A

**Explanation:**

References:

<https://msdn.microsoft.com/en-us/library/ee634966.aspx> <https://msdn.microsoft.com/en-us/library/ee634825.aspx> <https://msdn.microsoft.com/en-us/library/ee634791.aspx>

**NEW QUESTION 93**

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.)

dimGeography
[GeographyKey]
[City]
[StateProvinceCode]
[StateProvinceName]
[CountryRegionCode]
[EnglishCountryRegionName]
[PostalCode]
[SalesTerritoryKey]
[IpAddressLocator]

Sales
[ProductKey]
[OrderDateKey]
[DueDateKey]
[ShipDateKey]
[CustomerKey]
[PromotionKey]
[CurrencyKey]
[SalesTerritoryKey]
[SalesOrderNumber]
[SalesOrderLineNumber]
[OrderQuantity]
[UnitPrice]
[ExtendedAmount]
[UnitPriceDiscountPct]
[DiscountAmount]
ProductStandardCost
[TotalProductCost]
[SalesAmount]
[TaxAmt]
[Freight]
[OrderDate]
[DueDate]
[ShipDate]

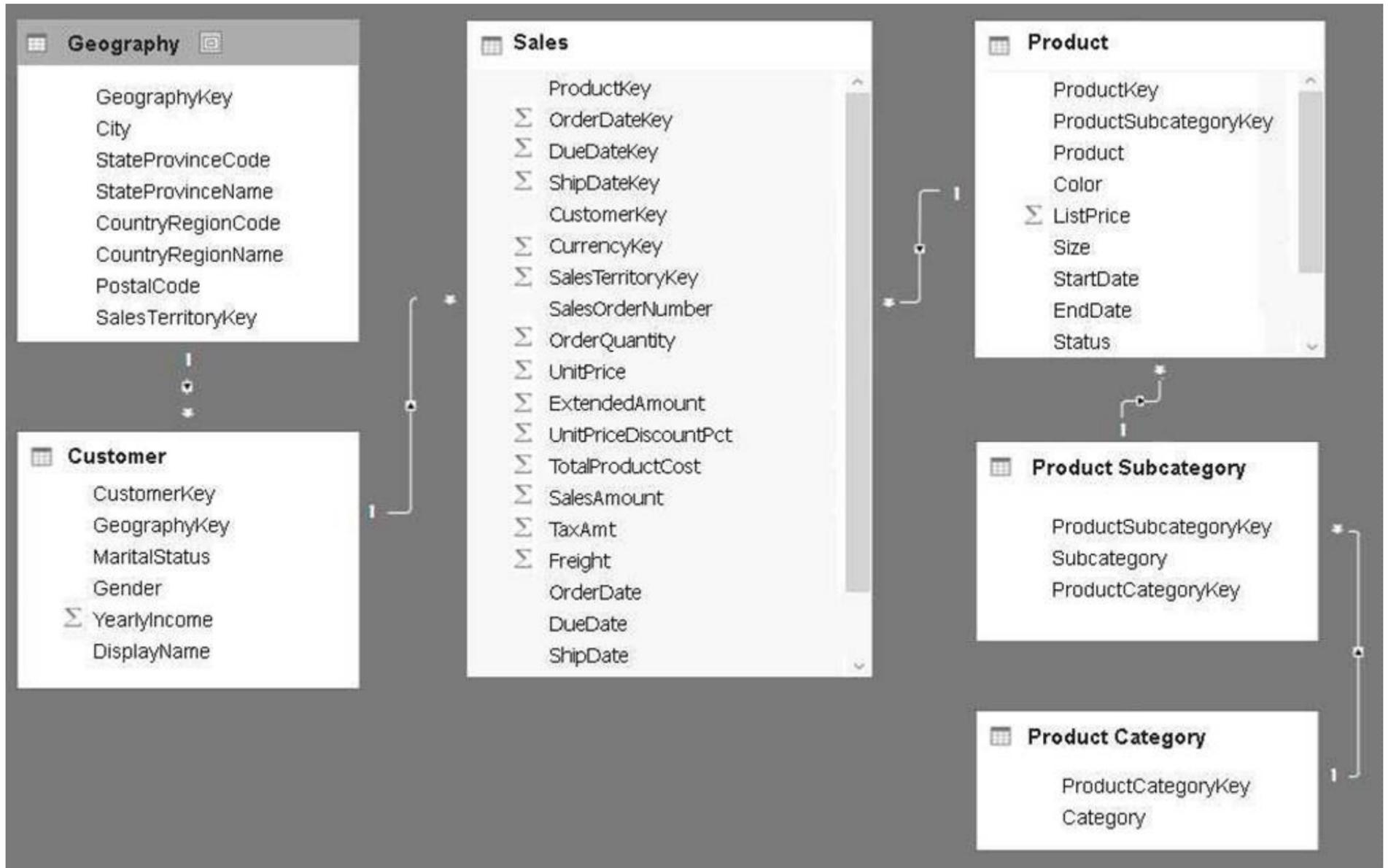
dimProduct
[ProductKey]
[ProductSubcategoryKey]
[EnglishProductName]
[Color]
[ListPrice]
[Size]
[StartDate]
[EndDate]
[Status]

dimCustomer
[CustomerKey]
[GeographyKey]
[DisplayName]
[MaritalStatus]
[Gender]
[YearlyIncome]

dimProductSubcategory
[ProductSubcategoryKey]
[ProductSubcategoryAlternateKey]
[EnglishProductSubcategoryName]
[SpanishProductSubcategoryName]
[FrenchProductSubcategoryName]
[ProductCategoryKey]

dimProductCategory
[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 point.

Values	Answer Area
Table.Combine	<pre> let     Source = Sql.Database("localhost"),     DB1 = Source([Name="DB1"])[Data],     dbo_DimProductCategory = DB1[["Schema="dbo", Item="DimProductCategory"]][Data],     #"Var1" = [Value] (dbo_DimProductCategory, ("ProductCategoryAlternateKey",         "SpanishProductCategoryName", "FrenchProductCategoryName"))     #"Var2" = [Value] (#"Var1", {"EnglishProductCategoryName", "Category"}) in     #"Var2"                     </pre>
Table.RemoveColumns	
Table.RemoveRows	
Table.RenameColumns	
Table.ReorderColumns	
Table.SelectColumns	

- 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 95**

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 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, select the CustomerID column and click Replace Values... Does this meet the goal?

- A. Yes

B. No

Answer: B

**NEW QUESTION 100**

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:**

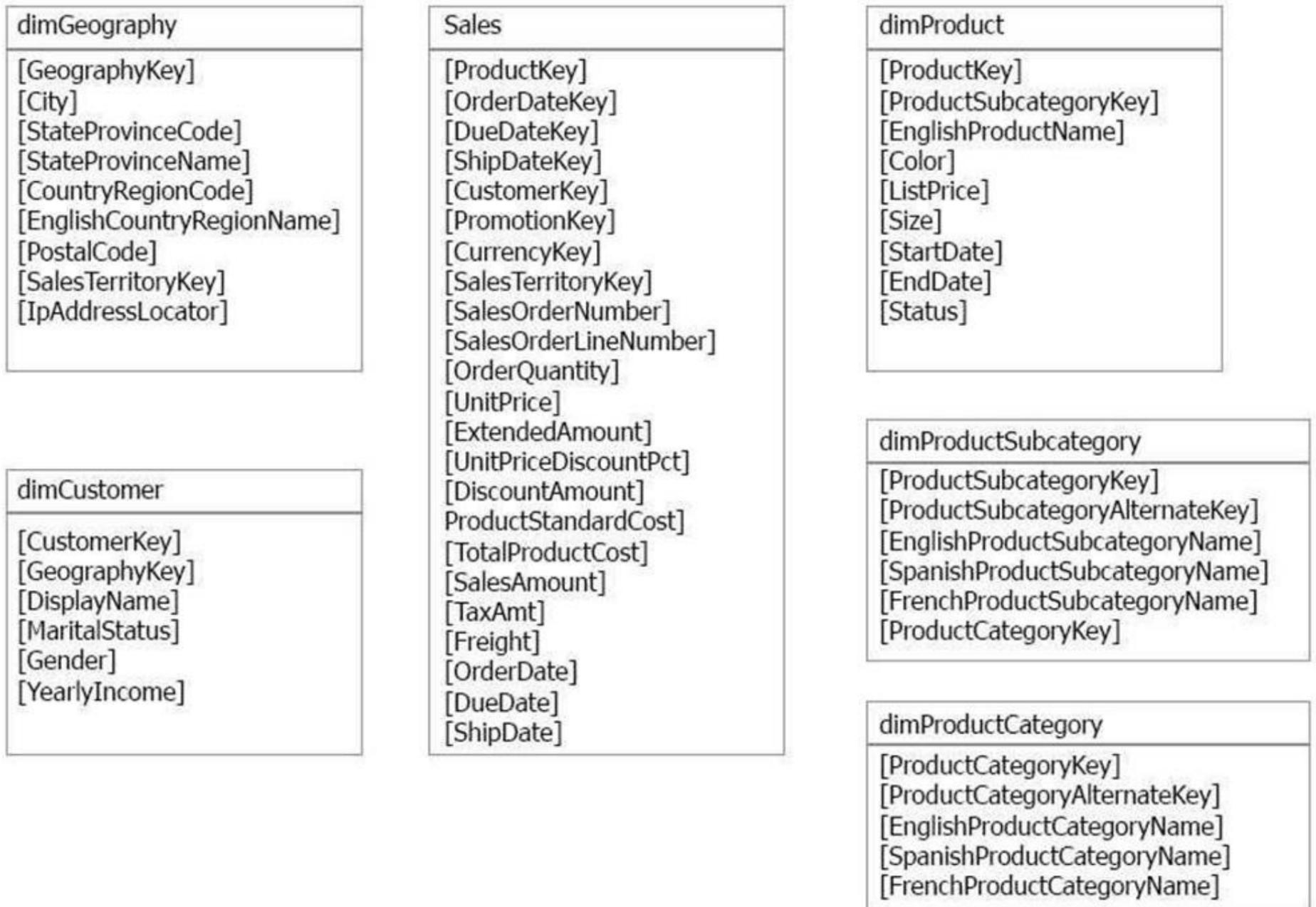
References: <https://docs.microsoft.com/en-us/power-bi/desktop-combine-binaries>

**NEW QUESTION 104**

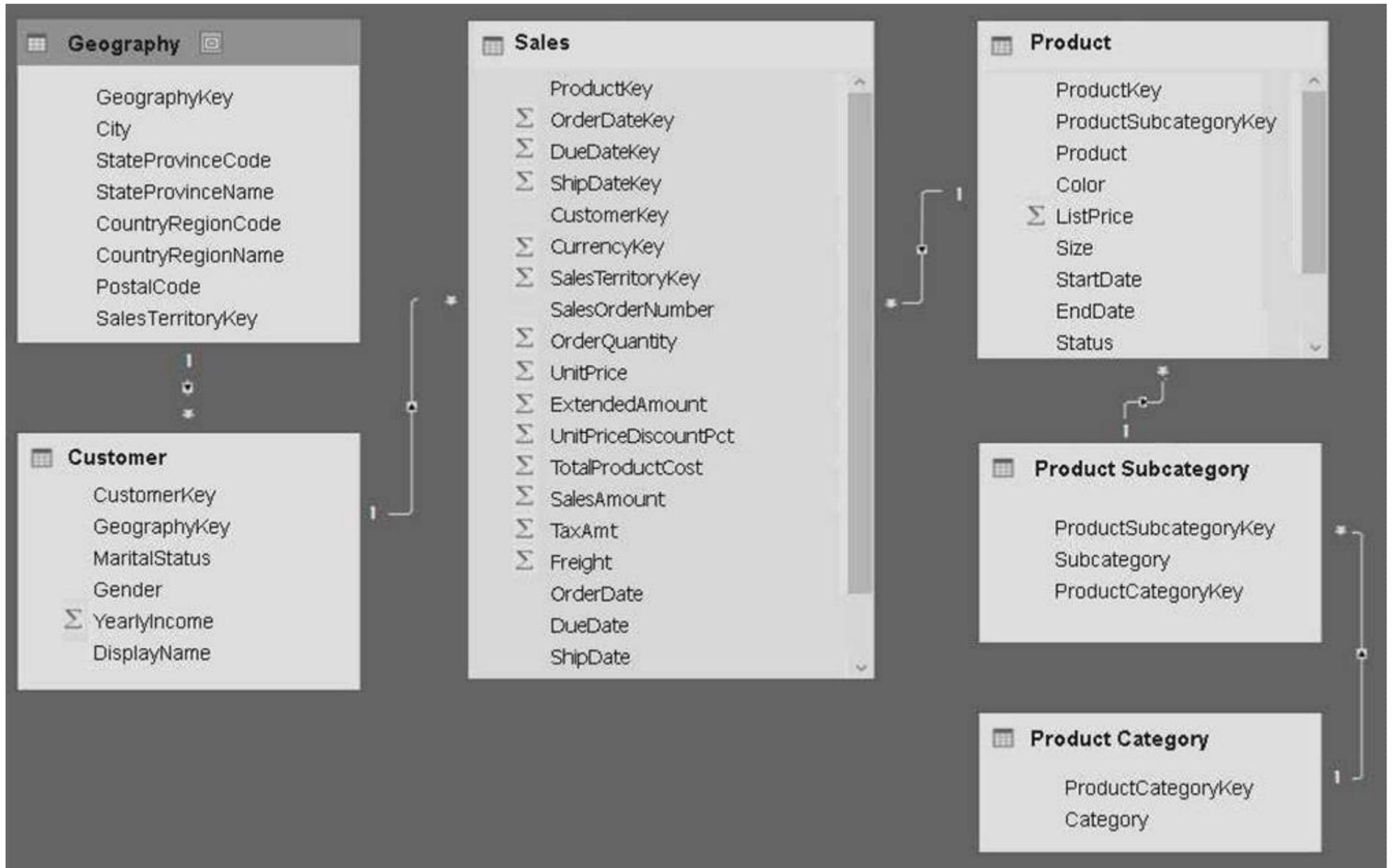
Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

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.)



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 need to create a measure of Sales[SalesAmount] where Product[Color] is Red or Product[Size] is 50. Which DAX formula should you use?

A

```
[Total Sales] :=
CALCULATE (
    SUM([SalesAmount]),
    All('Product'[Color], 'Product'[Size])
)
```

B

```
[Total Sales] :=
CALCULATE (
    SUM([SalesAmount]),
    'Product'[Color] = "Red" || 'Product'[Size] = 50
)
```

C

```
[Total Sales] :=
CALCULATE (
    SUM([SalesAmount]),
    FILTER (
        'Product',
        'Product'[Color] = "Red" ||
        'Product'[Size] = 50
    )
)
```

D

```
[Total Sales] :=
CALCULATE (
    SUM([SalesAmount]),
    FILTER (
        'Product'[Color] = "Red" ||
        'Product'[Size] = 50
    )
)
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

**NEW QUESTION 105**

You have an app workspace that contains two datasets named dataset1 and dataset2. Dataset1 connects to a Microsoft Azure SQL database. Dataset2 connects to a Microsoft Excel file stored in Microsoft OneDrive for Business.

You create a report named Report1 that uses dataset1. You pin Report1 to a dashboard named Dashboard1.

You publish the app workspace to all the users in your organization. You need to delete dataset2 from the app workspace.

What should you do first?

- A. Delete Dashboard1.
- B. Delete Report1.
- C. Unpublish the app.
- D. Configure the refresh settings for Dataset2.

Answer: C

**NEW QUESTION 107**

You manage a Power BI model has a table named Sales and product.

You need to ensure that a sales team can view only data that has a CountryRegionName value of United States and a ProductCategory value of Clothing.

What should you do from Power BI Desktop?

- A. From Power BI Desktop, create a new role that has the following filter.[countryRegionName]= "United States" && [ProductCategory]= "Clothing"
- B. Add the following filters in Query Editor.CountryRegionName is United StatesProductCategory is Clothing
- C. From Power BI Desktop, create a new role that has the following filters.[CountryRegionName]= "United States"
- D. Add the following filters to a report.CountryRegionName is United SatesProductCategory is Clothing

Answer: D

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/power-bi-how-to-report-filter>

**NEW QUESTION 112**

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.

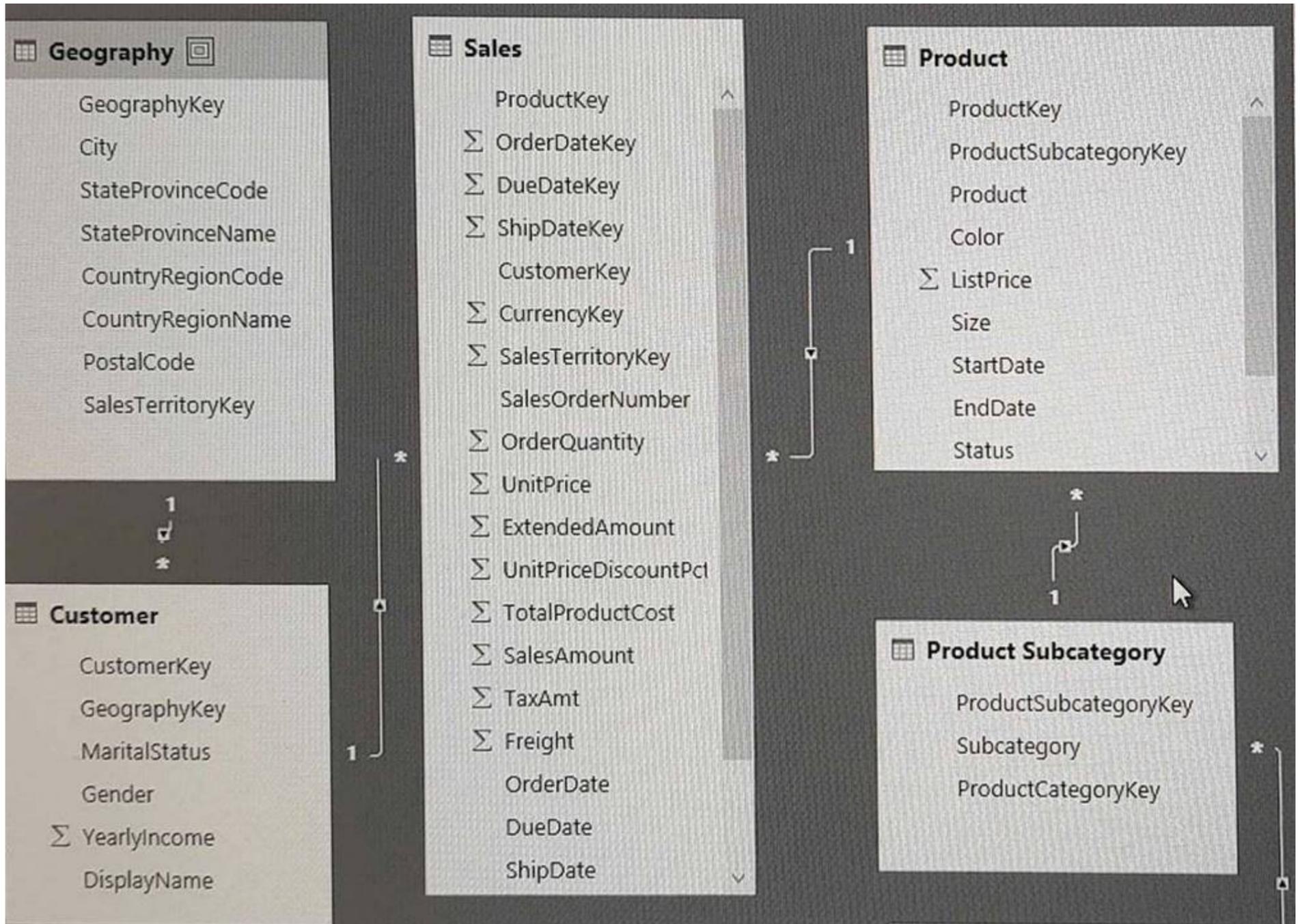
Start of repeated scenario

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 114**

Your organization has a Microsoft Office 365 subscription.

When the users attempt to access the Power BI Service, they receive the error message shown in the exhibit. (Click the Exhibit button.)



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

- A. From the Microsoft Azure Active Directory admin center, assign a Power BI (free) license to each user.
- B. From the Power BI Admin portal, modify the Tenant settings.
- C. From Microsoft Azure PowerShell, run the Set-MsolCompanySettings cmdlet.
- D. From the properties of each dashboard, modify the Share dashboard settings.

**Answer:** C

**Explanation:**

You need to run the following cmdlet: Set-MsolCompanySettings -AllowAdHocSubscriptions \$true

**NEW QUESTION 119**

You plan to create a report in Power BI Desktop. You have the following tables.

Table name	Column name
Sales	OrderID
	Product
	ProductCategory
	ProductSubCategory
	OrderDate
	SalesAmount
Date	DateID
	Date
	Year
	Month
	Week
	Day

You have a measure that uses the following DAX formula. Total Sales = SUM('Sales'[SalesAmount])

You plan to create a report to display TotalSales by ProductCategory and ProductSubCategory. You need to create a measure to calculate the percentage of TotalSales for each ProductCategory.

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	Answer Area
ALL	Measure1 = Value ([TotalSales], CALCULATE([TotalSales],
ALLEXCEPT	Value (Sales[ Value ],Sales[ Value ])))
ALLSELECTED	
CALCULATE	
DIVIDE	
Product	
ProductCategory	
ProductSubcategory	

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

References:

<https://support.office.com/en-us/article/when-to-use-calculated-columns-and-calculated-fields-ca18d63a-5b6d-4>

**NEW QUESTION 123**

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 Power BI Admin portal, you modify the Tenant settings.

- A. Yes
- B. No

Answer: B

**NEW QUESTION 126**

You have a Power BI Desktop project that uses DirectQuery to access an on-premises Microsoft SQL Server database. From Power BI Desktop, you can query the database.

When you publish the Power BI Desktop project to the Power BI service, the visualizations cannot display the data. What should you do to resolve the issue?

- A. Locate the published dataset for the project in the Power BI service and configure the data source credentials.
- B. Install the on-premises data gateway (personal mode) and republish the project.
- C. Install the on-premises data gateway and configure a data source.
- D. Configure a Microsoft Azure ExpressRoute connection between the on-premises network and the Power BI service.

Answer: A

**NEW QUESTION 127**

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 131**

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 133**

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 138**

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.

**Answer Area**

Cumulative Quantity=

)  
 )  
 )  
 )  
 )

SUM ('Transactions' [TransactionQuantity]),

('Date' [Date]),  
 )  
 )  
 )  
 )

'Date' [Date]<=MAX ('Date'[Date])

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

References:

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

**NEW QUESTION 140**

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 142**

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, select the CustomerID column. Click Replace Errors... and enter a value of 0 Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**NEW QUESTION 147**

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 149**

You create a report in Power BI Desktop. You need to embed the report into a Microsoft SharePoint Online site. 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.

<b>Actions</b>		<b>Answer Area</b>	
Add a webpart to a page.	<div style="display: flex; flex-direction: column; align-items: center; gap: 10px;"> <span>⬅</span> <span>➡</span> </div>	1	<div style="display: flex; flex-direction: column; align-items: center; gap: 10px;"> <span>⬆</span> <span>⬇</span> </div>
Pin a visualization.		2	
Pin a live page.		3	
Obtain an embed link for SharePoint.			
Publish the report to the Power BI service.			

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

References: <https://powerbi.microsoft.com/en-us/blog/integrate-power-bi-reports-in-sharepoint-online/>

**NEW QUESTION 154**

You have a Microsoft Excel spreadsheet that contains a table named Sales. You need to add the Sales table to a Power BI dashboard as a tile. How should you configure the tile?

- A. From the Power BI service, import the data from the Excel workbook.
- B. From Excel, publish the workbook to the Power BI service.
- C. From the Power BI tab in Excel, pin the table.
- D. From the Power BI service, upload the Excel workbook.

**Answer:** C

**Explanation:**

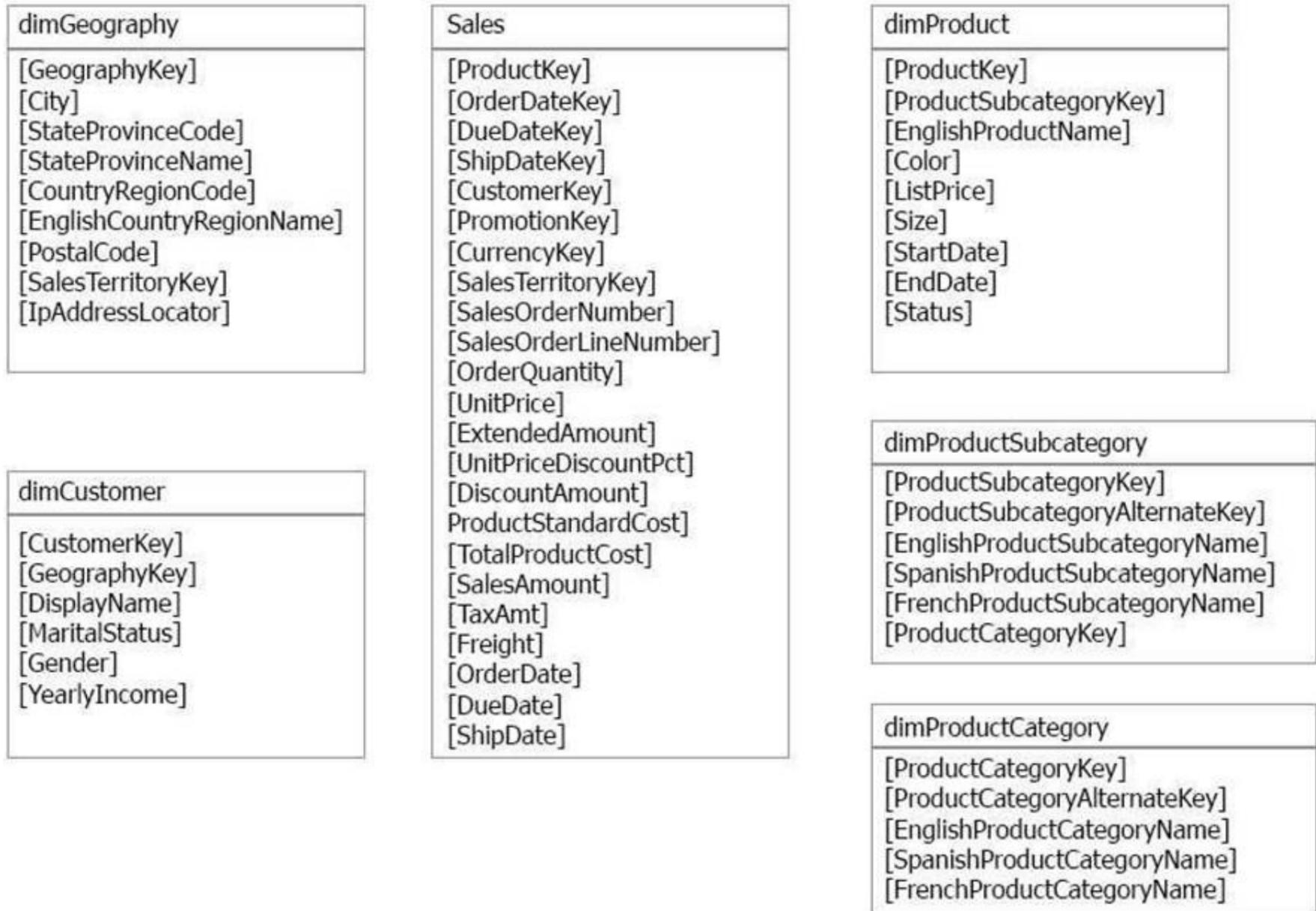
References: <https://docs.microsoft.com/en-us/power-bi/publisher-for-excel>

**NEW QUESTION 157**

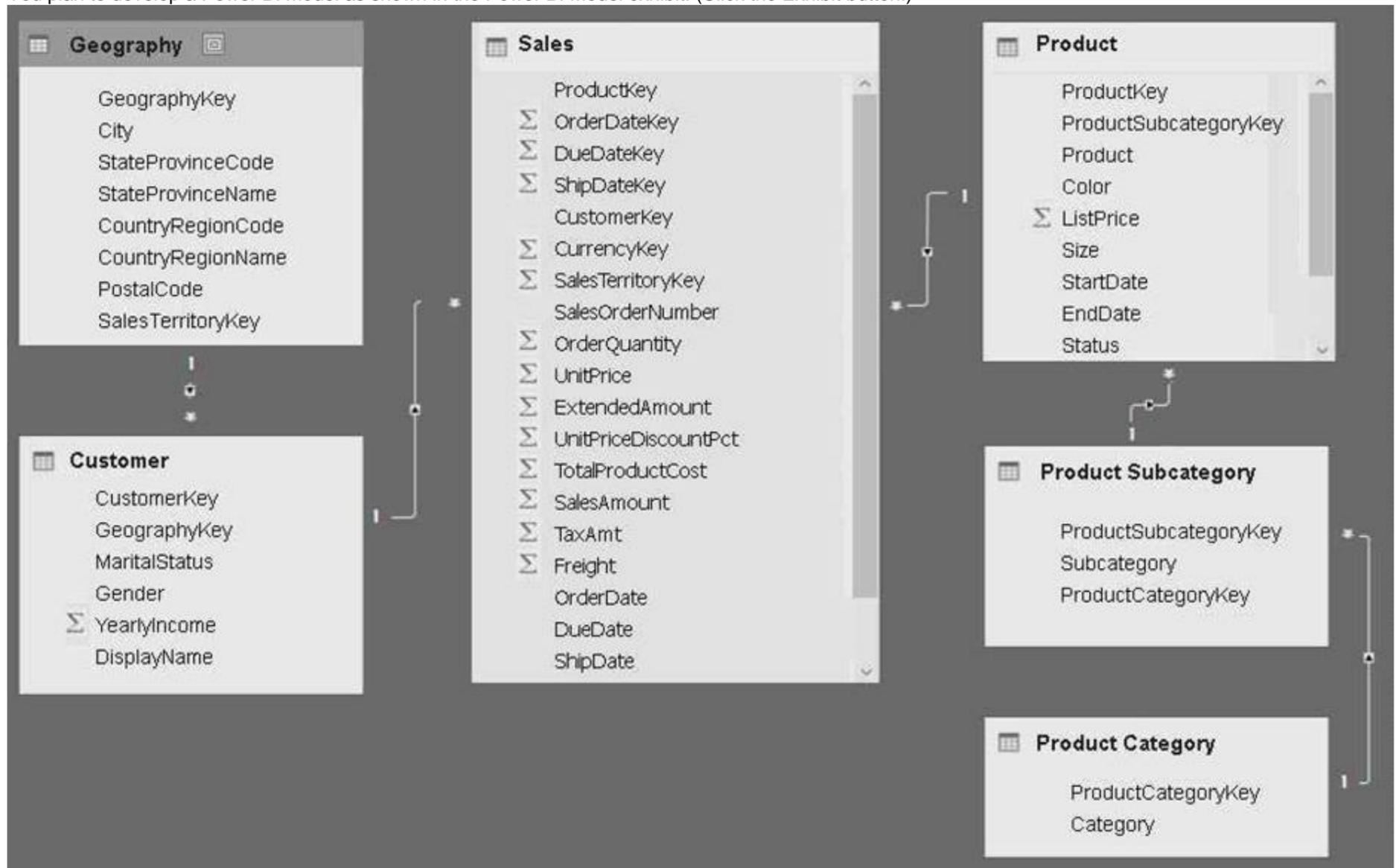
Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

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.)



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 implement the Power BI model.

You need to create a hierarchy that has Category, Subcategory, and Product.

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.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions	Answer Area
To the Product Subcategory table, add a calculated measure that uses the RELATED (' Product Category' [Category]) DAX function.	
To the Product table, add a column named Category that uses the RELATED (' Product Category' [Category]) DAX function.	
To the Product table, add a calculated measure that uses the RELATED (' Product Category' [Category]) DAX function.	
Create a hierarchy.	
To the Product table, add a column named SubCategory that uses the RELATED (' Product Subcategory' [Subcategory]) DAX function.	
To the Product Subcategory table, add a column named Category that uses the RELATED (' Product Category' [ProductCategoryKey]) DAX function.	

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

References:

<https://intelligentsql.wordpress.com/2013/05/08/tabular-hierarchies-across-multiple-tables/> <https://www.desertislesql.com/wordpress1/?p=1629>

**NEW QUESTION 160**

You have the datasets shown in the following graphic.

NAME	ACTIONS	LAST REFRESH	NEXT REFRESH	API ACCESS
Dataset1	  	1/24/2018, 2:32:12 PM	N/A	Streaming
Dataset1	  	1/24/2018, 2:32:12 PM	N/A	Hybrid

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic. Note: Each selection is worth one point.

When designing a dashboard that uses Dataset1, you can use [answer choice].

▼

only report visualizations

only streaming data tiles

both report visualizations and streaming data tiles

When designing a dashboard that uses Dataset2, you can use [answer choice].

▼

only report visualizations

only streaming data tiles

both report visualizations and streaming data tiles

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

References:

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

<http://radacad.com/integrate-power-bi-into-your-application-part-6-real-time-streaming-and-push-data>

**NEW QUESTION 164**

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 169**

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 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 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 Monthly\_returns table and Date[Date\_ID]. What should you do before you create the relationship?

- A. In the Date table, create a new calculated column named MonthJD that uses the yyyydd format.
- B. In the Monthly\_returns table, create a new calculated column named DateJD that uses the ddmmyyyy format.
- C. To the Order table, add a calculated column that uses the RELATED(Monthly\_returns[Month\_ID]) DAX formula.
- D. To the Date table, add a calculated column that uses the RE LATE D(Monthly\_ret urns [MonthJD]) DAX formula.

**Answer:** B

**Explanation:**

References:

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

**NEW QUESTION 170**

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