

## Exam Questions 70-778

Analyzing and Visualizing Data with Microsoft Power BI (beta)

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



#### NEW QUESTION 1

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 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

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 4

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 5

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?

- the Data Category of Region
- the Default Summarization on Region
- the Default Summarization on Sales

D. the Data Category of Sales

Answer: B

NEW QUESTION 6

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 visualizations 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 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

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

Configure the Gateway Connection settings for the dataset.

Add subscriptions for the reports.

Download and install Power BI Desktop.

Configure the Schedule Refresh settings for the dataset.

Answer Area

➡

⬅

⬆

⬇

- A. Mastered
- B. Not Mastered

Answer: A

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

NEW QUESTION 7

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 Remove Errors. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 8

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 9

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:

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 10

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.

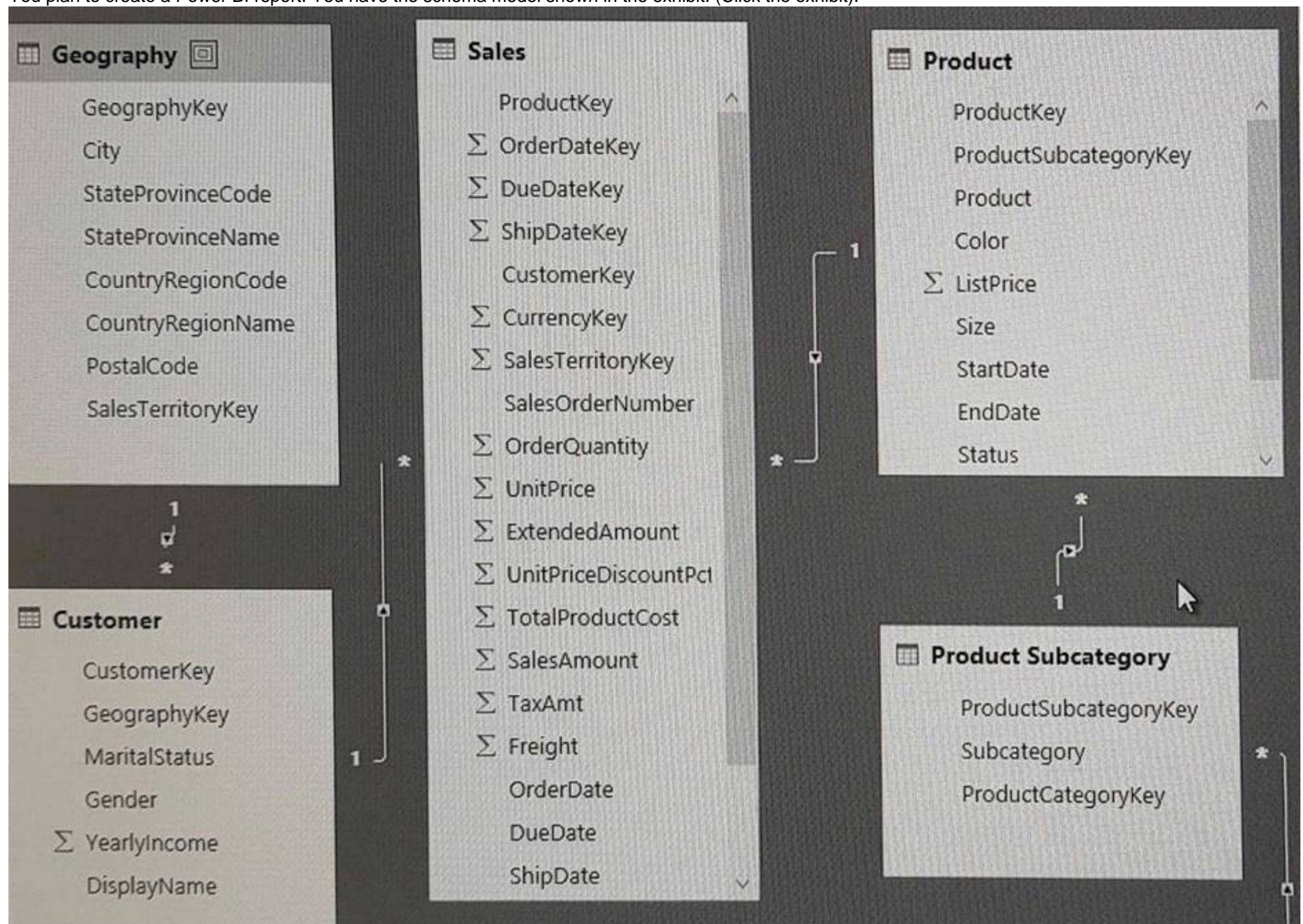
Solution: From Publish to web, generate an iFrame. Does this meet the goal?

- A. Yes
- B. No

Answer: B

### NEW QUESTION 10

You plan to create a Power BI report. You have the schema model shown in the exhibit. (Click the exhibit).



The model has the following relationships:

Store the District based on DistrictID

Sales to Store based on LocationID

Sales to Date based on PeriodID

Sales to Item based on ItemID

You configure row-level security (RLS) so that the district managers of the stores only see the sales from the stores they manage.

When the district managers view the sales report, they see Sales by Items for all stores.

You need to ensure that the district managers can see Sales by items for the stores they manage only. How should you configure the relationship from Sales to Item?

- A. Change the Cardinality to One to one (1:1).
- B. Change the Cardinality to One to Many (1.\*).
- C. Select Assume Referential Integrity.
- D. Change the Cross filter direction to Both.

**Answer:** D

**Explanation:**

References: <https://powerbi.microsoft.com/en-us/guided-learning/powerbi-admin-rls/>

#### NEW QUESTION 15

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 16

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 20

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]

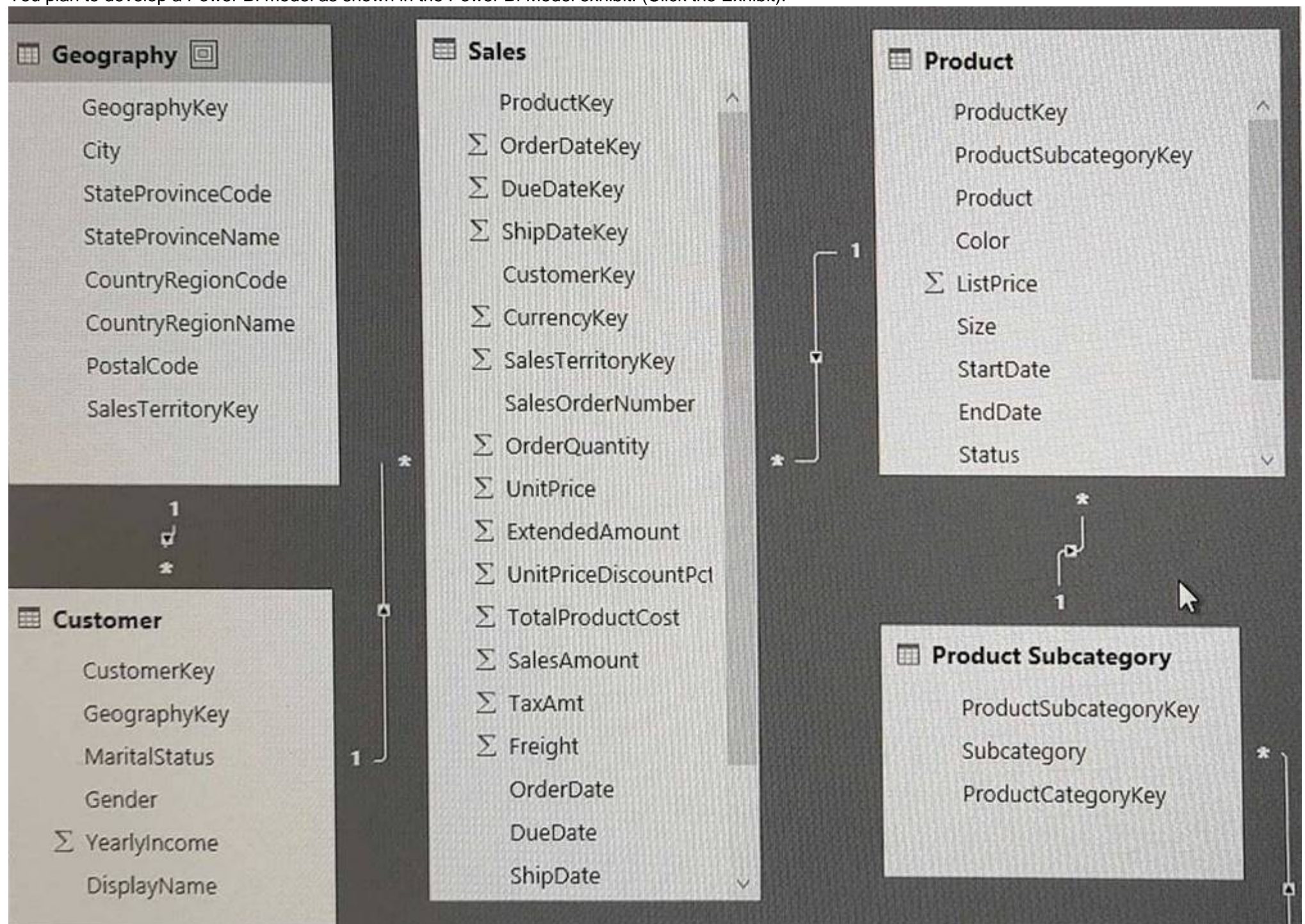
Sales
[ProductKey]
[OrderDateKey]
[DueDateKey]
[ShipDateKey]
[CustomerKey]
[PromotionKey]
[CurrencyKey]
[SalesTerritoryKey]
[SalesOrderNumber]
[SalesOrderLineNumber]
[OrderQuantity]
[UnitPrice]
[ExtendedAmount]
[UnitPriceDiscountpct]
[DiscountAmount]
[ProductStandardCost]
[TotalProductCost]
[SalesAmount]
[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 new column to the Product Subcategory table that uses the following formula.

=if [Subcategory] =null then "NA" else [Subcategory] Which command should you use in Query Editor?



- A. Column From Examples
- B. Custom Column
- C. Invoke Custom Function
- D. Conditional Column

**Answer:** D

**Explanation:**

References:

<http://community.powerbi.com/t5/Desktop/if-then-else/td-p/117999>

#### NEW QUESTION 21

You are creating a work schedule for a retail store.

You have the following data from a query named Schedule.

Employee	Scheduled
Ike	1 Sunday
Ted	1 Sunday
Jonathan	2 Monday
Ike	3 Tuesday
Vivek	3 Tuesday
Margo	4 Wednesday
Margo	5 Thursday
Ted	6 Friday
Jonathan	7 Saturday
Margo	7 Saturday

You need to visualize the data as shown in the following exhibit.

Employee	1 Sunday	2 Monday	3 Tuesday	4 Wednesday	5 Thursday	6 Friday	7 Saturday
Ike	<input type="checkbox"/>		<input type="checkbox"/>				
Jonathan		<input type="checkbox"/>					<input type="checkbox"/>
Margo				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Ted	<input type="checkbox"/>					<input type="checkbox"/>	
Vivek			<input type="checkbox"/>				

You add a matrix visualization, and then you add Employee to the rows and Scheduled to columns.

Which DAX formula should you use to create the measure that will display the checkboxes? 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**

COUNTA

COUNTROWS

COUNTX

LOWER

UNICHAR

UPPPER

**Answer Area**

Schedule Display =

IF(

Value

 (Schedule)>0,

Value

 (9635),"")

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Values**

COUNTA

COUNTROWS

COUNTX

LOWER

UNICHAR

UPPPER

**Answer Area**

Schedule Display =

IF(

COUNTROWS

 (Schedule)>0,

UNICHAR

 (9635),"")

#### NEW QUESTION 25

You have a query named FactInternetSales used by several Power BI reports. The query is shown in the exhibit. (Click the Exhibit button.)

	ProductKey	OrderDateKey	OrderQuantity	UnitPrice	SalesAmount
1	528	20070807	1	4.99	4.99
2	528	20070808	1	4.99	4.99
3	528	20070808	1	4.99	4.99
4	528	20070809	1	4.99	4.99
5	528	20070810	1	4.99	4.99
6	528	20070811	1	4.99	4.99
7	528	20070815	1	4.99	4.99

You plan to create a bar chart showing the count of sales by year that have a SalesAmount greater than \$1,000. You need to create a measure that will be used in the bar chart.

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

COUNT

COUNTA

COUNTRWS

COUNTX

FILTER

ANSWER AREA

LargeSales =

Value

(

Value

('FactInternetSales', 'FactInternetSales'[SalesAmount]>1000))

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

VALUES

CALCULATE

COUNT

COUNTA

COUNTRWS

COUNTX

FILTER

ANSWER AREA

LargeSales =

COUNTX

(

FILTER

('FactInternetSales', 'FactInternetSales'[SalesAmount]>1000))

### NEW QUESTION 30

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 31

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**

>  
<

↑  
↓

- A. Mastered  
 B. Not Mastered

**Answer:** A

**Explanation:**

**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**

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

>  
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#### NEW QUESTION 35

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 38

You embed a Power BI report in a Microsoft SharePoint Online page.

A user name User1 can access the SharePoint Online page, but the Power BI web part displays the following error message: "This content isn't available".

User1 is unable to view the report.

You verify that you can access the SharePoint Online page and that the Power BI report displays as expected. You need to ensure that User1 can view the report from SharePoint Online.

What should you do?

- A. Publish the app workspace.  
 B. Edit the settings of the Power BI web part.  
 C. Modify the members of the app workplace.  
 D. Share the dashboards in the app workspace.

**Answer:** C

**Explanation:**

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

#### NEW QUESTION 43

You have a Power BI model that contains a table named Sales. Sales contains columns named SalesAmount, OrderDate, SalesPerson, and OrderID.

You need to create a measure to calculate the last 12 months of sales. You must start from the last date a sale was made and ignore any filters set on the report.

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

ALLEXCEPT

DATEDIFF

LASTNONBLANK

DATEADD

LASTDATE

Answer Area

Last12monthSales=  
Var varlast12m=  
CALCULATE ( ( (Sales[OrderDate]  
,SUM(Sales[SalesAmount]))  
, -12  
,MONTH)  
, ALL(Sales))  
ReturnIF(Max(Date[Date]) >=varlast12m,  
SUM(Sales[SalesAmount]))

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:  
<https://msdn.microsoft.com/en-us/library/ee634380.aspx> <https://msdn.microsoft.com/en-us/library/ee634795.aspx>

NEW QUESTION 45

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.

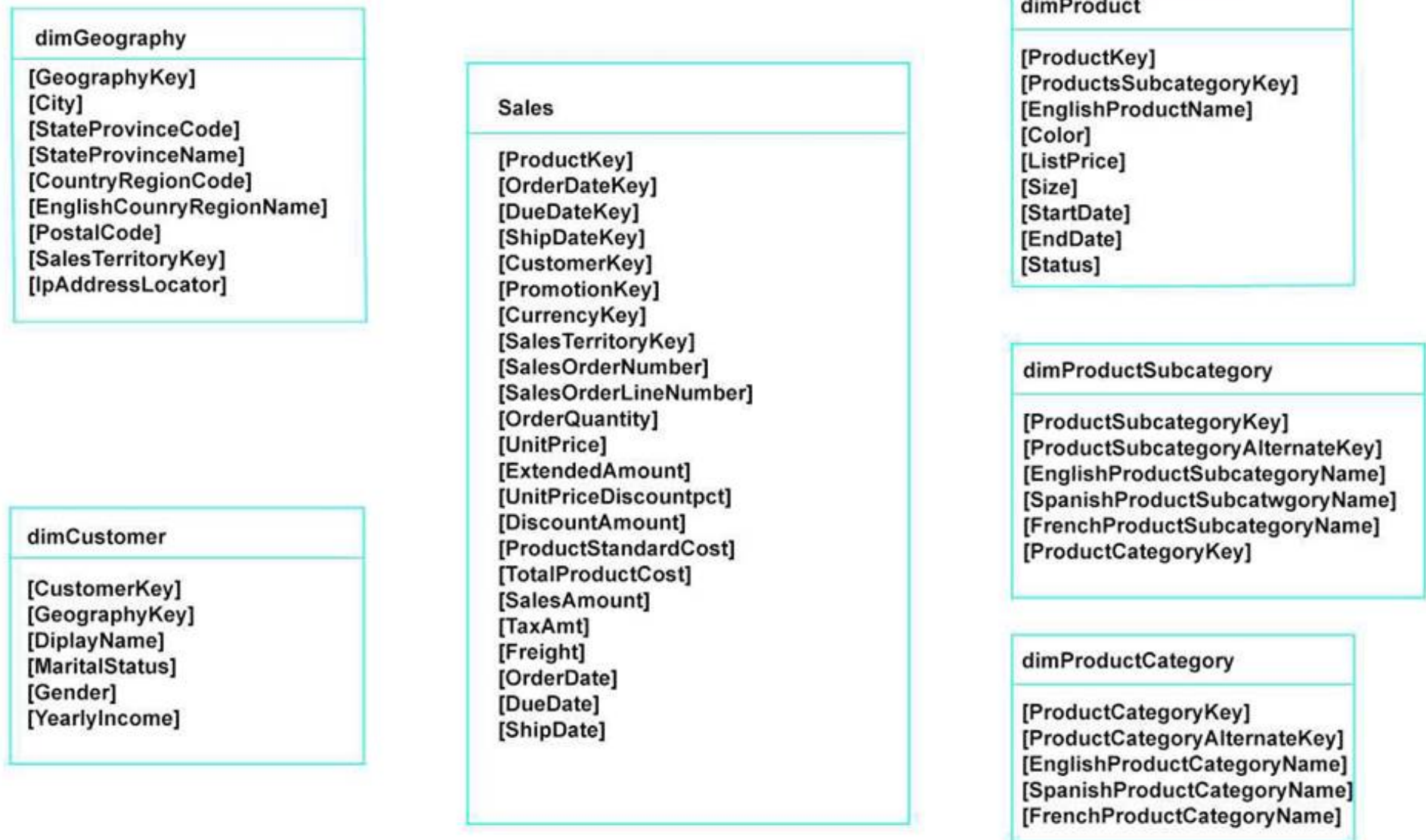
Answer: C

NEW QUESTION 50

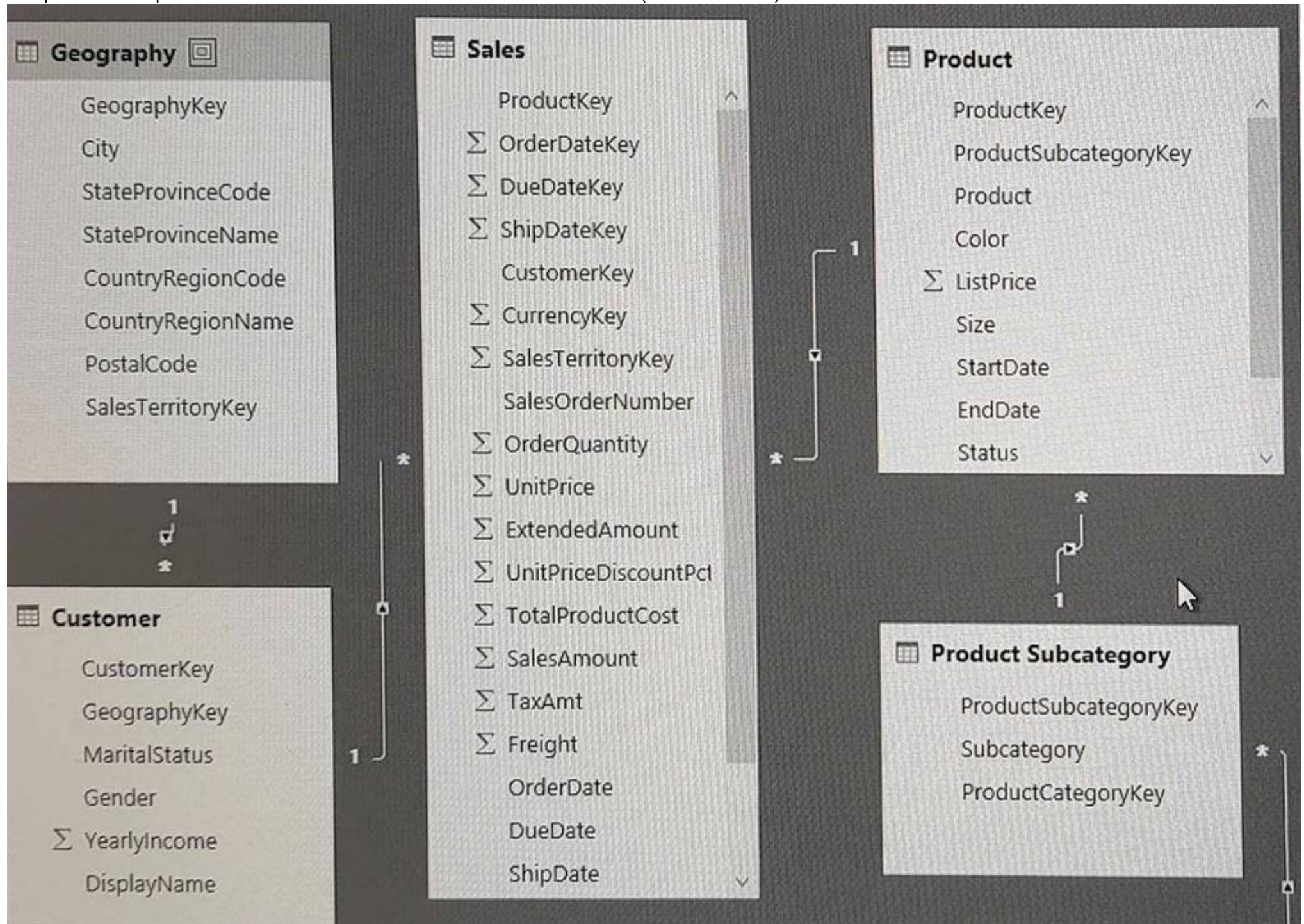
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.  
Start 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	Answer Area
Table.Combine	<pre>let     Source= Sql.Databases ("localhost"),     DB1= Source {[Name= "DB1"]} [Data],     dbo_DimProductCategory= DB1{[Schema= "dbo, Item= "DimProductCategory"]} [Data],     #"Var1" = <input type="text" value="Value"/>     (dbo_DimProductCategory, {"ProductCategoryAternateKey",     "SpanishProductCategoryName", "FrenchProductCategoryName"}),     #"Var2" = <input type="text" value="Value"/>     ({"Var1", {{ "EnglishProductCategoryName", "Category"}, {"DimProductSubcatregory", "Subcategory"}}}) in     # "Var2"</pre>
Table.RemovedColumns	
Table.RemoveRows	
Table.RenameColumns	
Table.ReorderColumns	
Table.SelectColumns	

- 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 54

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 59

You have a Power BI model for sales data.

You need to create a measure to calculate the year-to-date sales and to compare those sales to the previous year for the same time period.

Which DAX function should you use?

- A. PARALLELPERIOD
- B. SAMEPERIODLAST YEAR
- C. DATESYTD
- D. PREVIOUSYEAR

Answer: A

Explanation:

References: <https://msdn.microsoft.com/en-us/library/ee634873.aspx>

#### NEW QUESTION 62

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 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 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 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 70

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 73

You have a table named Sales. A sample of the data in Sales is shown in the following table.

Sales OrderID (whole Number)	Product Name (Text)	OrderQty (whole Number)	OrderDate (Date)	UnitPrice (Decimal Number)	TotalPrice (Decimal Number)
71774	Bike	1	May 1, 2017	356.898	356.898
71774	Car	1	May 1, 2017	356.898	356.898
71775	Train	1	May 2, 2017	1430.442	1430.442
71775	Puzzle	3	May 2, 2017	63.9	191.7
71775	Skateboard	4	May 3, 2017	32.394	129.576
71776	Doll	1	May 4, 2017	63.9	63.9

You created a stacked column chart visualization that displays ProductName by Date. You discover that the axis for the visualization displays all the individual dates.

You need to ensure that the visualization displays ProductName by year and that you can drill down to see ProductName by week and day. What should you do first?

- A. Configure a visual filter for the Date column that uses an advanced filter.
- B. Create a new table that has columns for the date, year, week, and day.
- C. Create a new hierarchy in the Sales table.
- D. Format the virtualization and set the type of the X-Axis to Categorical.

**Answer:** B

**Explanation:**

References:

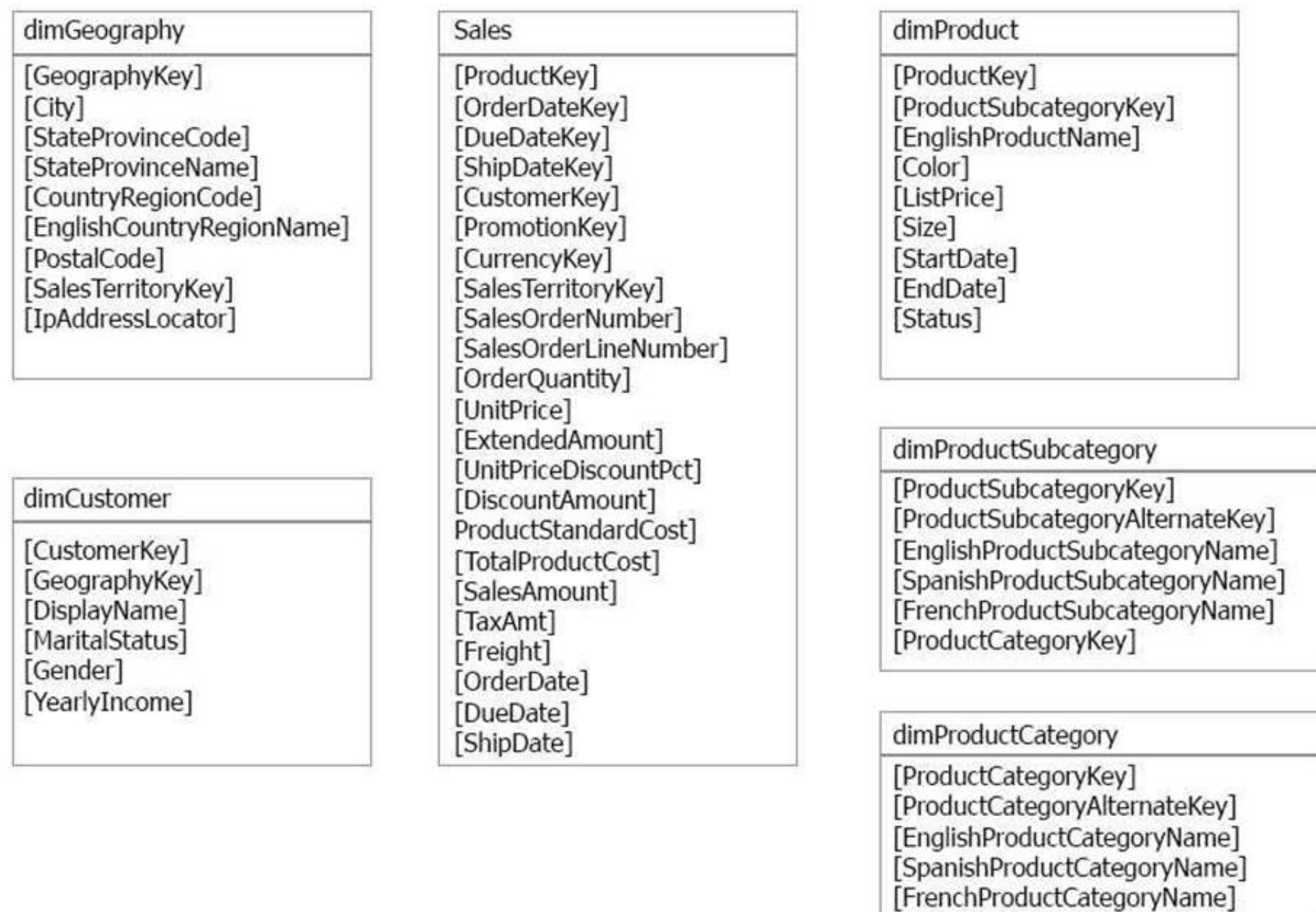
<https://docs.microsoft.com/en-us/power-bi/power-bi-report-add-filter#add-a-filter-to-a-specific-visualization-aka>

**NEW QUESTION 78**

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.

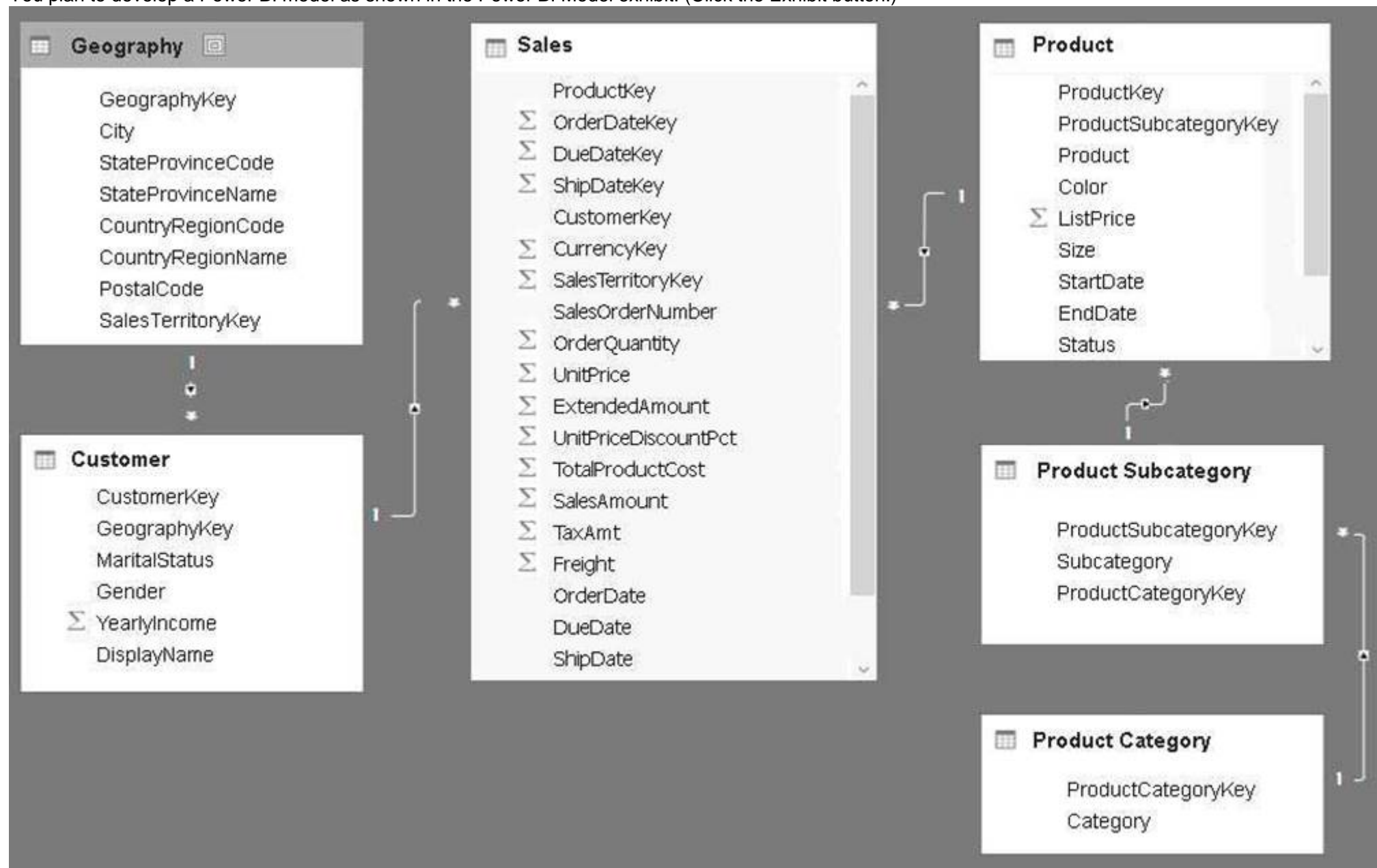
Start of repeated scenario.

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 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	let
Table.RemoveColumns	Source = Sql.Database("localhost"),
Table.RemoveRows	DB1 = Source([Name="DB1"])[Data],
Table.RenameColumns	dbo_DimProductCategory = DB1[Schema="dbo",Item="DimProductCategory"][Data],
Table.ReorderColumns	#"Var1" = Value (dbo_DimProductCategory, {"ProductCategoryAlternateKey",
Table.SelectColumns	"SpanishProductCategoryName", "FrenchProductCategoryName"})
	#"Var2" = Value (#"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 82

You have a workspace that contains 10 dashboards. A dashboard named Sales Data from two datasets. You discover that users are unable to find data on the dashboard by using natural language queries. You need to ensure that the users can find data by using natural language queries.

What should you do?

- A. From the settings of the workspace, modify the Language Settings.
- B. From the properties of the dashboard, modify the Q&A settings.
- C. From the Sales Data dashboard, modify the dashboard as a Favorite.
- D. From the properties of the datasets, modify the Q&A and Cortana settings.

**Answer:** D

**Explanation:**

References:

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

**NEW QUESTION 85**

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 89**

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 92**

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 96**

You create a KPI visualization in Power BI Desktop that uses the month as the trend axis. You discover that the data is not sorted by month.

You need to change the sort order of the visualization. What should you do first?

A. Convert the visualization to a different type.



- B. Remove the trend axis from the visualization.
- C. Modify the visual level filters.
- D. Modify the drill through filters.

Answer: B

NEW QUESTION 97

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

ALL

ALLEXCEPT

ALLSELECTED

CALCULATE

DIVIDE

Product

ProductCategory

ProductSubcategory

Answer Area

Measure1 = 

Value

 ([TotalSales], CALCULATE([TotalSales],  

Value

 (Sales[ 

Value

 ], Sales[ 

Value

 ])))

- 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 98

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	Integer
Date	Date	Datetime
	DateKey	Integer
	DateName	Datetime
	MonthNumber	Integer
	Week	Integer
	MonthName	Varchar(3)
	Year	Integer

Date[Date] is in the mm/dd/yyyy format. Date[DateKey] is in the ddmmyyyy format. Date[MonthNumber] is in the mm format. Date[MonthName] is in the mmm format.

You create the report shown in the exhibit. (Click the Exhibit button.)



You need to ensure that the months appear in the order of the calendar. How should you sort the MonthName column?

- A. by MonthNumber
- B. ascending
- C. descending
- D. by DateKey

**Answer:** A

**Explanation:**

References:

<http://ppmworks.com/sorting-month-names-chronologically-in-microsoft-power-bi-reports/>

#### NEW QUESTION 99

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 PowerB1. 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 B1 Admin portal, you modify the Tenant settings.

- A. Yes
- B. No

**Answer:** B

#### NEW QUESTION 103



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 108

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 111

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 114

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 Microsoft Azure Active Directory, you remove the Power BI license from User1. Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

#### Explanation:

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

#### NEW QUESTION 116

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 119

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 120

You have the following two queries in Power BI Desktop:

A query named Query1 that retrieves a table named SMB\_Customers from a Microsoft SQL Server database

A query named Query2 that retrieves a table named Enterprise\_Customers from an Oracle database Both tables have the same columns.

You need to combine the data from SMB\_Customers and Enterprise\_Customers. Which command should you use?

- A. Combine Files
- B. Merge Columns
- C. Merge Queries
- D. Append Queries

**Answer:** D

**Explanation:**

References:

<http://radacad.com/append-vs-merge-in-power-bi-and-power-query>

#### NEW QUESTION 122

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.

Actions

Add a webpart to a page.

Pin a visualization.

Pin a live page.

Obtain an embed link for SharePoint.

Publish the report to the Power BI service.

Answer Area

1

2

3

- 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 124  
You have the datasets shown in the following graphic.

Dashboards Reports Workbooks Datasets					Showing 3 item(s)	Name (A-Z)
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 126  
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 131

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