

Microsoft

Exam Questions 70-778

Analyzing and Visualizing Data with Microsoft Power BI (beta)



NEW QUESTION 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

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

- A. Yes
- B. No

Answer: A

Explanation:

References:

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

NEW QUESTION 2

You 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 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

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

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

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

Sales	Region
1000	Canada
500	Italy
800	Spain
1200	US

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

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

Answer: B

NEW QUESTION 5

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?

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

Answer: D

NEW QUESTION 6

You plan to embed multiple visualization in a public website.

Your Power BI infrastructure contains the visualizations configured as shown in the following table.

Visualization name	Characteristic
Visual1	Uses row-level security (RLS)
Visual2	Uses a dataset that is stored in Microsoft OneDrive for Business
Visual3	Contained in a report that was shared to your user account
Visual4	Is a custom visual
Visual5	Uses a dataset from an on-premises Microsoft SQL Server Analysis Services (SSAS) database

Which two visualizations can you embed into the website? Each correct answer presents a complete the solution.

NOTE: Each correct selection is worth one point.

- A. Visual1
- B. Visual2
- C. Visual3
- D. Visual4
- E. Visual5

Answer: BD

Explanation:

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

NEW QUESTION 7

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 8

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@wingtip 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].

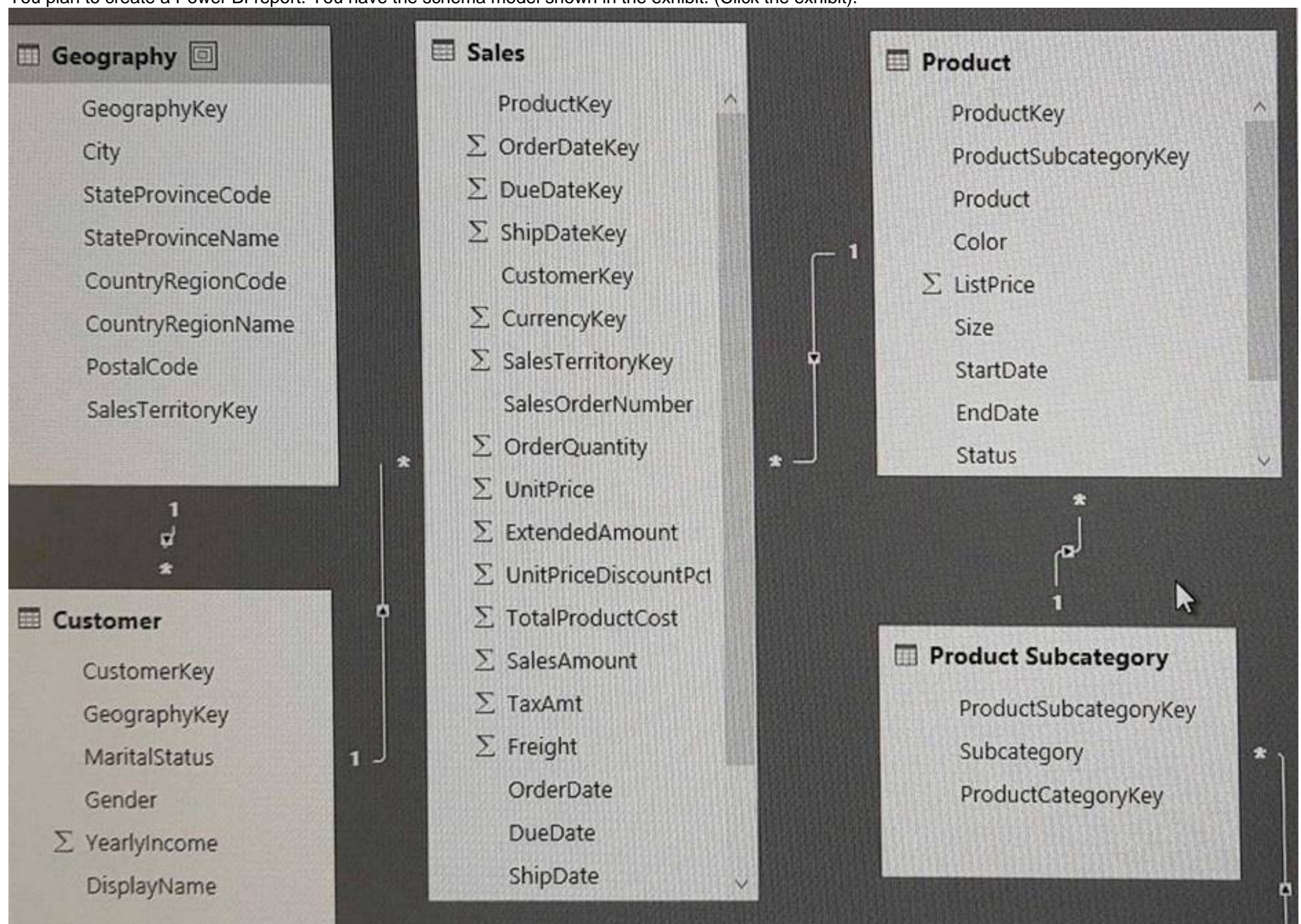
add other users as members
 create a new dashboard
 pin a report visualization to a dashboard
 publish a PBIX file

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 9

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 10

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

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

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

Answer: B

Explanation:

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

NEW QUESTION 10

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 11

You have the following tables.

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

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

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

Count of SubscriberID by Month based on the StartDate

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

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

Answer: B

Explanation:

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

NEW QUESTION 15

You have a Microsoft SharePoint Online site named Sales.

Your company has 1,000 sales users. All the sales users can access Sales.

You create a report in an app workspace in the Power BI service. You embed the report into a page on the Sales site by using the Power BI web part.

You need to ensure that all the sales can view the report from the Sales site. What should you do?

- A. Configure the app workspace for Premium capacity.
- B. Enable anonymous access for the Sales site.
- C. Configure the Portal Site Connection for the Sales site.
- D. Disable the Embed content in apps setting from the Tenant settings in Power BI.

Answer: A

Explanation:

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

NEW QUESTION 16

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 =

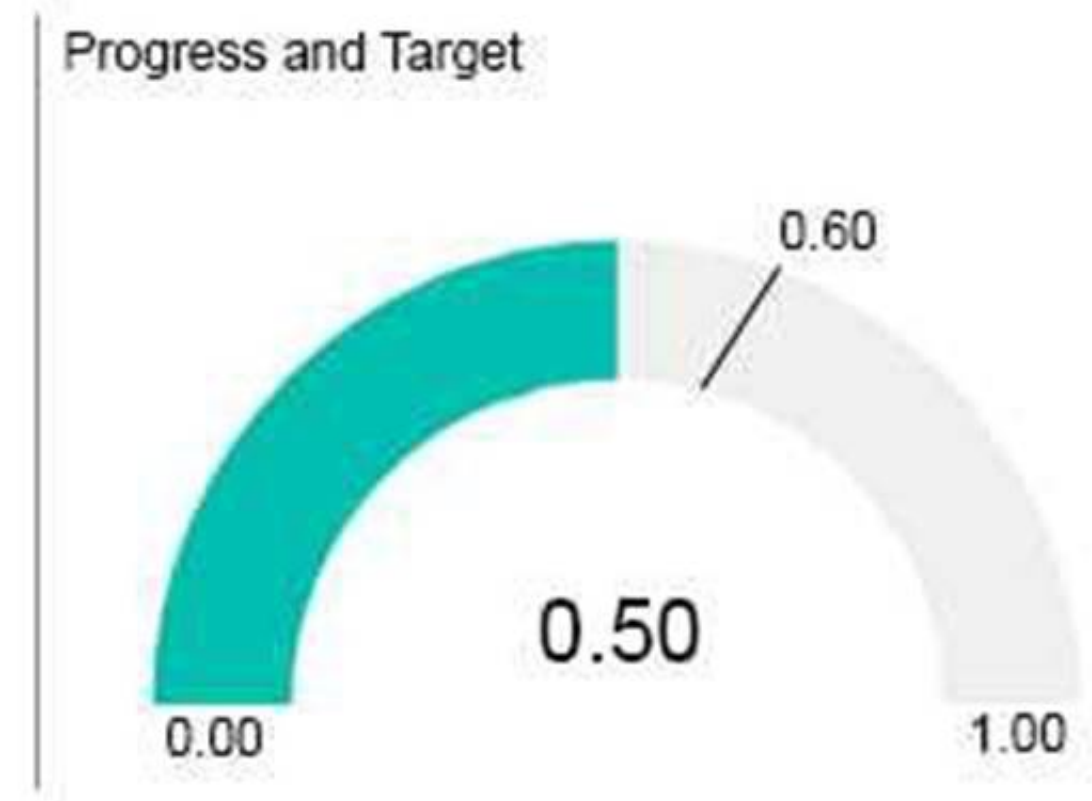
IF(

COUNTROWS (Schedule)>0,

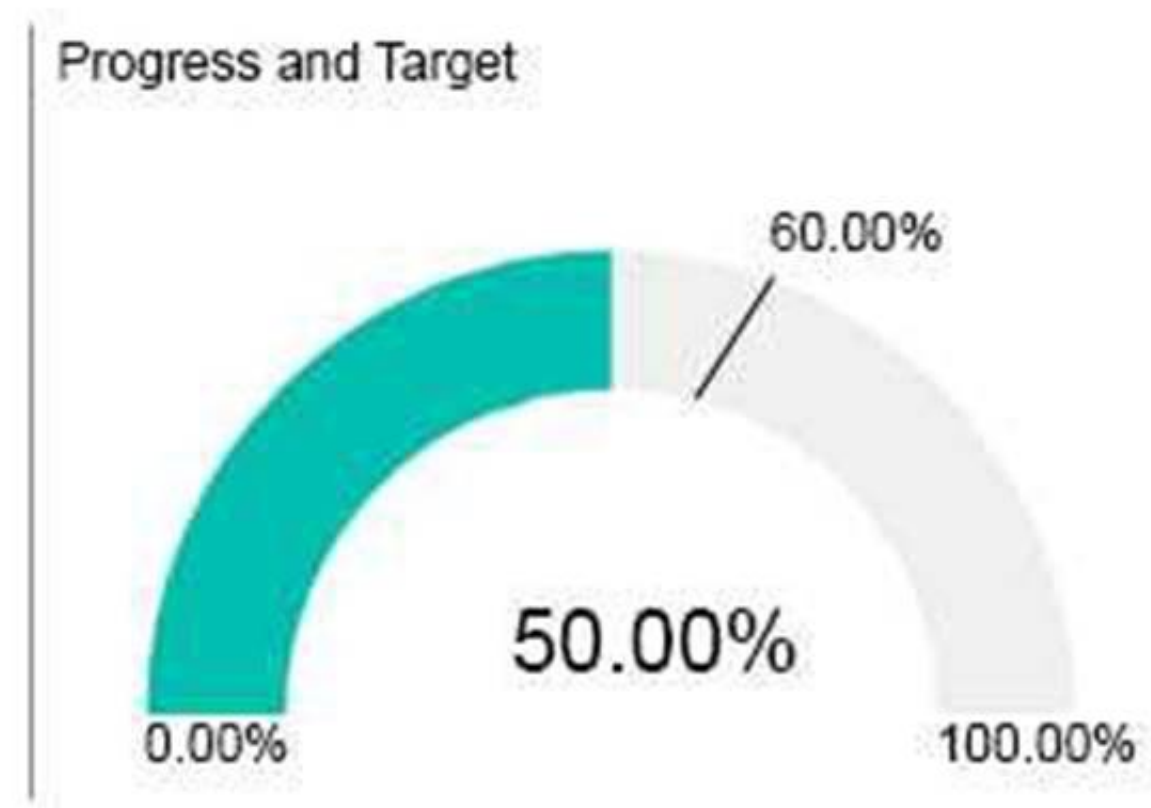
UNICHAR (9635),"")

NEW QUESTION 17

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 18

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 20

You have an app workspace named Retail Store Analysis in the Power BI service.

You need to manage the members that have access to the app workspace using the least amount of administrative effort.

What should you do?

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

Answer: A

NEW QUESTION 22

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 25

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

Sales (Sales_ID, DateID, sales_amount)

Date (DateID, Date, Month, week, Year)

The tables have a relationship. Date is marked as a date table in the Power BI model. You need to create a measure to calculate the sales for the last 12 months. Which DAX formula should you use?

- A. CALCULATE(SUM(sales[sales_amount]) DATESYTD ('Date' [Date]))
- B. CALCULATE(SUM(sales[sales_amount]), SAMEPERIODLASTYEAR ('Date' [Date]))
- C. SUM(sales[sales_amount])-CALCULATE(SUM(sales[sales_amount]), SAMEPERIODLASTYEAR('Date'[Date]))
- D. SUM(sales[sales_amount])-CALCULATE(SUM(sales[sales_amount]),DATESYTD('Date'[Date]))

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 29

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 ddmmmyyyy format

Date[Date_name] in the mm/dd/yyyy format

Monthly_returns[Month_ID] in the mmyyyy format

The Order table contains more than one million rows.

The Store table has relationship to the Monthly_returns table on the Store_ID column. This is the only relationship between the tables.

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

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

Which DAX formula should you use for the calculated column? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bat between panes or scroll to view continent.

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

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

NEW QUESTION 30

You have a service published to a website.
When you connect to the website, you receive the following data.

```
<service xmlns="http://www.w3.org/2007/app"
  xmlns:atom="http://www.w3.org/2005/Atom"
  xml:base="http://data.nortwindtraders.com/Northwind/Northwind.svc/">
  <workspace>
    <atom:title>Default</atom:title>
    <collection href="Categories">
      <atom:title>Categories</atom:title>
    </collection>
    <collection href="Customers">
      <atom: title>Customers</atom:title>
    </collection>
    <collection href="Order_Details">
      <atom:title>Order_Details</atom:title>
    </collection>
  </workspace>
</service>
```

You need to create a query that retrieves the Categories data and the Customers data. Which type of source should you use?

- A. JSON
- B. Text/CSV

- C. OData Feed
- D. XML

Answer: D

NEW QUESTION 33

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

999-999-9999x123

1-999-999-9999x232

+1-999-999-9999x66x666

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

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

How should you complete the query? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer Area

AfterDelimiter

PositionOf

PositionOfAny

Range

RelativePosition

Removerange

TrimEnd

Text.

Value

{0,

Value

.FromEnd}}

[[phone_number], "x",

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 38

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 repor
- 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 repor
- 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 41

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

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

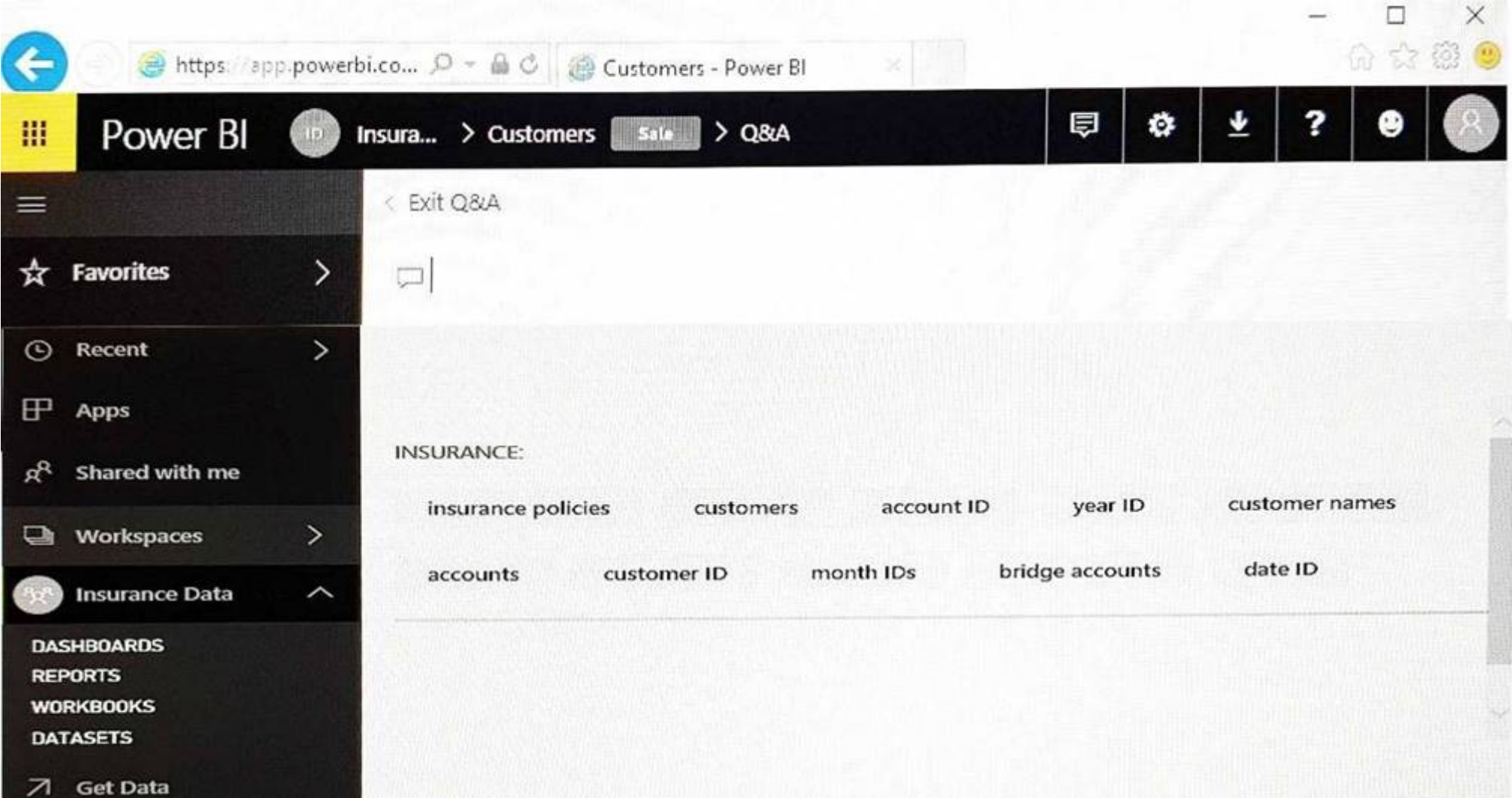
You need to ensure that User1 sees App1 from the My organization AppSource. What should you do?

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

Answer: A

NEW QUESTION 44

You open powerbi.com as 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

A tenant administrator created a data classification that has a shorthand of [answer choice].

Customers
Insurance
Insurance Data
Sale

The dashboard uses a dataset named [answer choice].

Customers
Insurance
Insurance Data
Sale

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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 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.

Answer Area

COLUMNS

Date[Date_name]

Date[Month]

Order[Order_amount]

Order[Order_ID]

Store[Sales-target]

Indicator:

COLUMNS

Trend axis:

COLUMNS

Target goals:

COLUMNS

- 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 51

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 54

You have a Power BI model that has the following tables:

Sales (Order_id, Order_Date, Product_id, Salesperson_id, Sales_Amount)

Salesperson (Salesperson_id, Salesperson_name, address)

Product (Product_id, Product_Name)

You need to create the following relationships:

Sales to Product

Sales to Sales person

You need to ensure that you can create a report that displays the count of products sold by each salesperson. How should you configure the relationships? To answer, drag the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Cardinality:

Many to One(*:1)
One to Many (1:*)
One to One (1:1)

Cross filter direction:

Both
Single

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 58

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

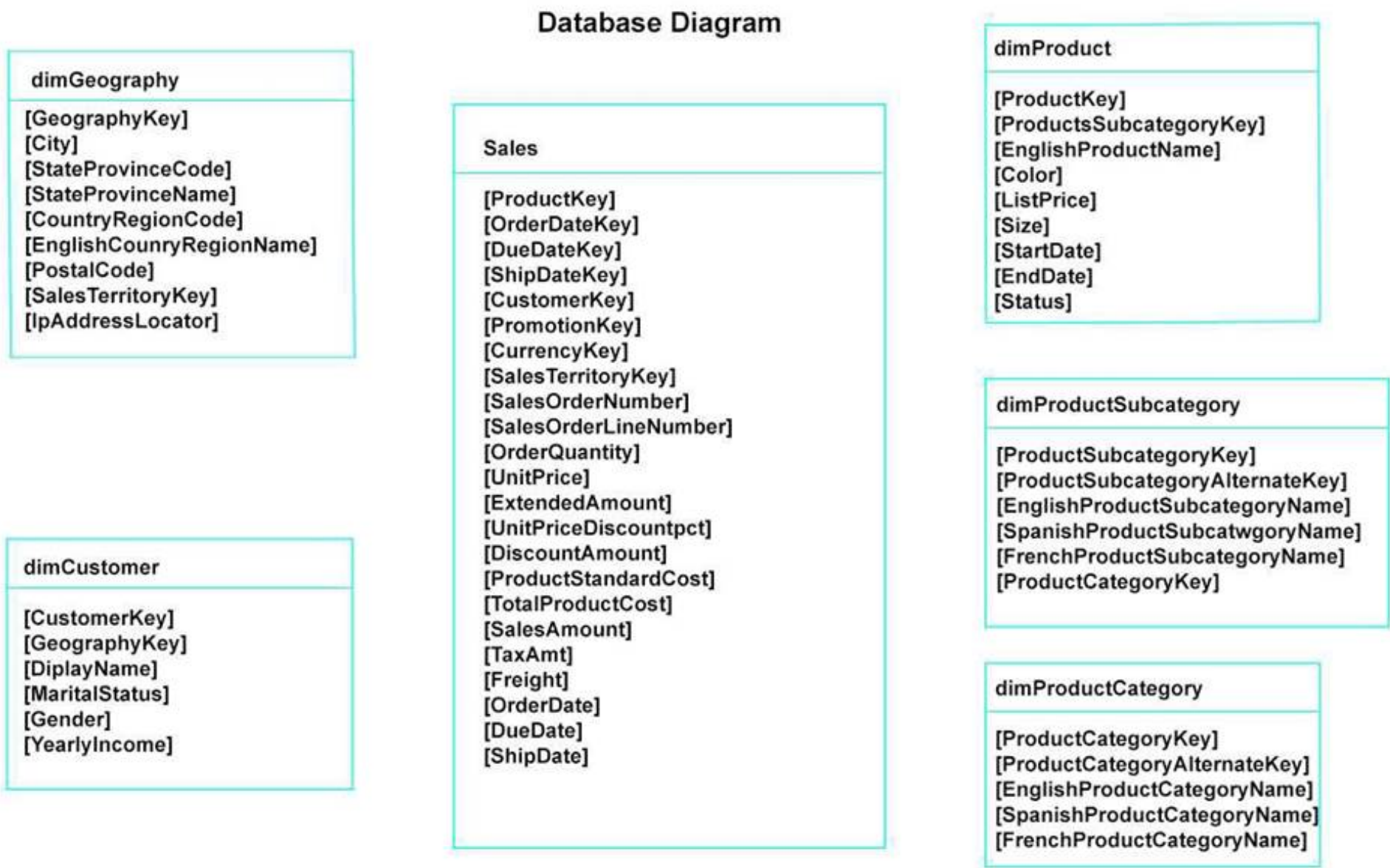
Answer: C

Explanation:

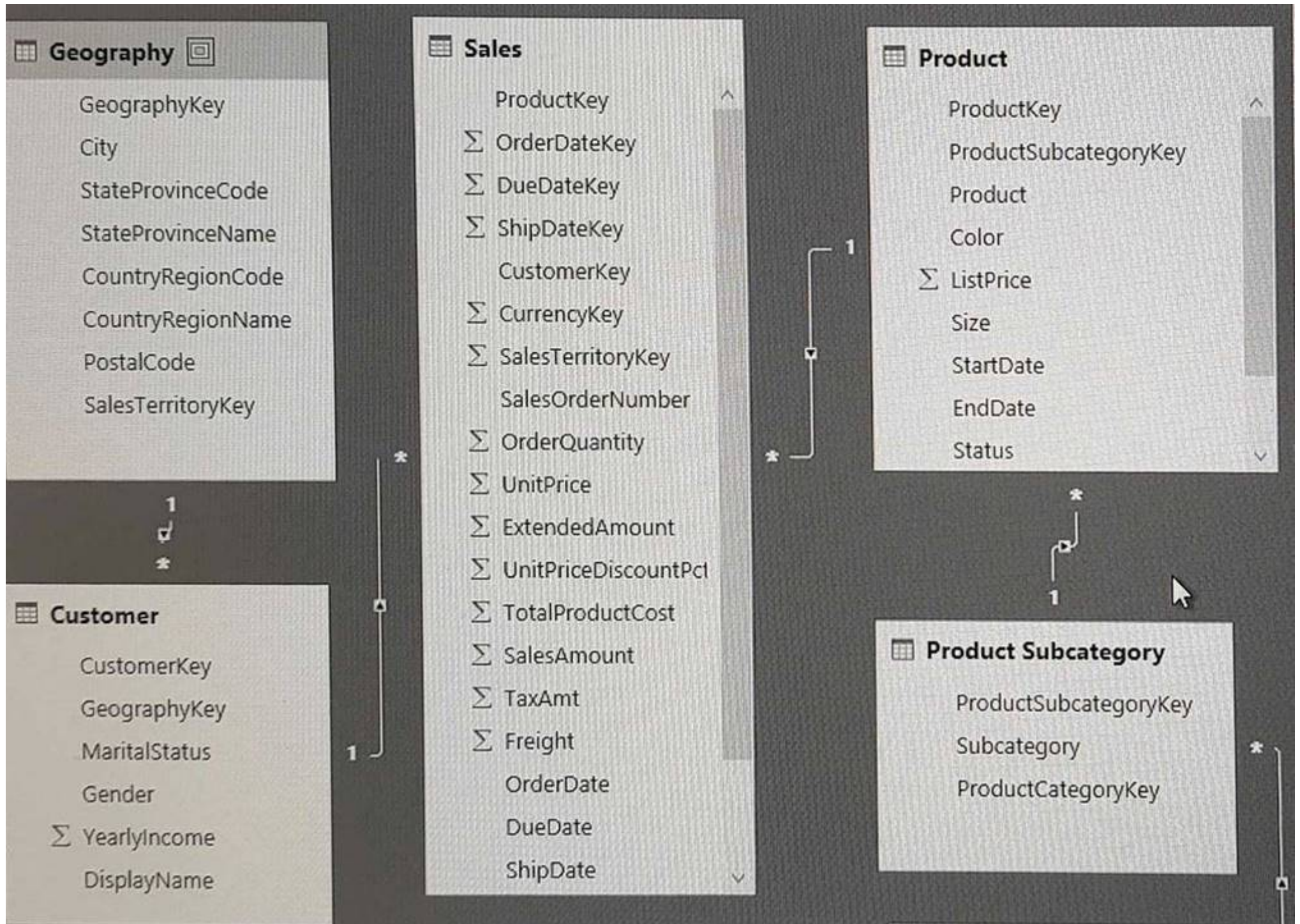
References:
<https://docs.microsoft.com/en-us/power-bi/report-server/quickstart-create-powerbi-report> <https://docs.microsoft.com/en-us/power-bi/report-server/connect-data-sources>

NEW QUESTION 60

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.)



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 drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

Values

Table.Combine

Table.RemovedColumns

Table.RemoveRows

Table.RenameColumns

Table.ReorderColumns

Table.SelectColumns

Answer Area

```
let
    Source= Sql.Databases ("localhost"),
    DB1= Source {[Name= "DB1"]} [Data],
    dbo_DimProductCategory= DB1{[Schema= "dbo", Item= "DimProductCategory"]} [Data],
    #"Var1" = Value

    (dbo_DimProductCategory, {"ProductCategoryAlternateKey",
    "SpanishProductCategoryName", "FrenchProductCategoryName"}),
    #"Var2" = Value

    (#"Var1", {{ "EnglishProductCategoryName", "Category"}, {"DimProductSubcategory", "Subcategory"}})
in
    # "Var2"
```


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 63

You have a Power 81 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. ENDOFVEAR
- D. PREVIOUSYEAR

Answer: D

NEW QUESTION 67

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 68

You have the following two tables:

- Subscriber (SubscriberID, Enroll mentDate, ServicePlan)
- Date (Date, Month, Week, Year)

There is a relationship between Subscriber [EnrollmentDate] and Date[Date].
You plan to create a KPI for the number of subscribers enrolled in the current year.
You need to create a goal that is five percent more than the number of subscribers enrolled during the previous calendar year.
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

DATESYTD

PARALLELPERIOD

PREVIOUSYEAR

SUMX

TOTALYTD

Answer Area

goal= (('Subscriber' [SubscriberID]),
 ('Date'[Date]))*1.05

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

CALCULATE
COUNT PREVIOUSYEAR

References:

[https://msdn.microsoft.com/en-us/library/hh272049\(v=sql.110\).aspx](https://msdn.microsoft.com/en-us/library/hh272049(v=sql.110).aspx) <https://msdn.microsoft.com/en-us/library/ee634770.aspx>

NEW QUESTION 70

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

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

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

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

Answer: C

Explanation:

References:

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

NEW QUESTION 72

Your company has a custom line-of-business application named SalesApp.

The developers of SalesApp want to push data into the Power BI service to create several visualizations. You need to ensure that the developers can push the data from SalesApp to the Power BI service.

What should you do?

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

Answer: B

Explanation:

References:

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

NEW QUESTION 73

You have three Power BI Desktop projects named Report1.pbix, Report2.pbix, and Report3.pbix that have the following characteristics:

- Report1.pbix contains a custom visualization.
- Report2.pbix implements row-level security.
- Report3.pbix connects to a Microsoft SQL Server database by using DirectQuery.

Which reports support Publish to Web, and which reports can be published to Power BI Report Server? To answer, drag the appropriate reports to the correct targets. Each report 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.

Reports

Report1 only

Report2 only

Report3 only

Report1 and Report2

Report1 and Report3

Report2 and Report3

Answer Area

Reports that support Publish to web: Report

Reports that can be published to Power BI Report Server: Report

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

References:

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

NEW QUESTION 75

You are importing sales data from a Microsoft Excel file named Sales.xlsx into Power BI Desktop. You need to create a bar chart showing the total sales amount by region.

When you create the bar chart, the regions appear as expected, but the sales amount value displays the count of sales amount instead of the sum of sales amount each region.

You need to modify the query to ensure that the data appears correctly. What should you do?

- A. Delete the query, import the data into Microsoft SQL Server, and then import the data from SQL Server.
 B. In Query Editor, add a calculated column that totals the sales amount column.
 C. Change the Data Type of sales amount column to Numeric.
 D. Refresh the data model.

Answer: B

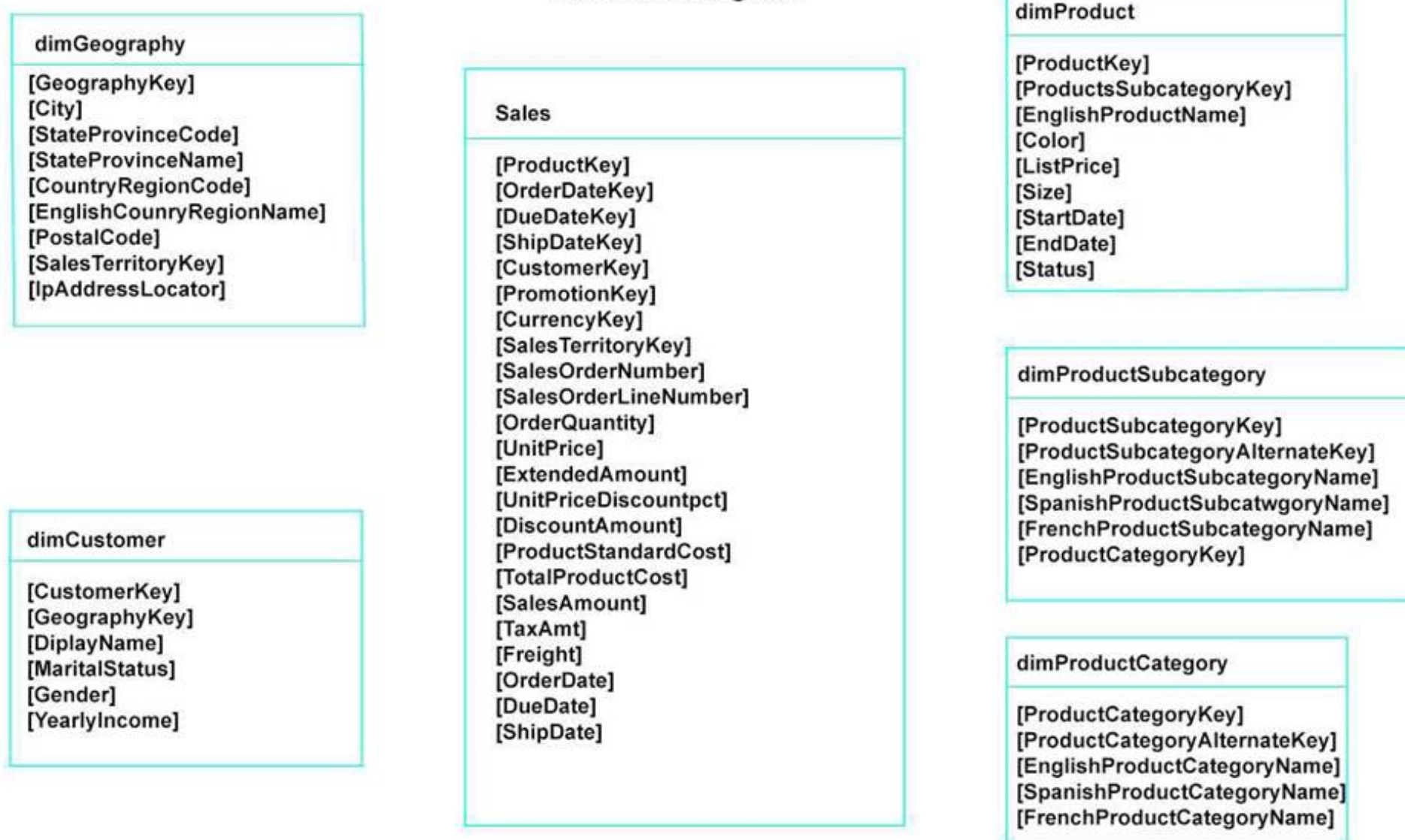
NEW QUESTION 80

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.

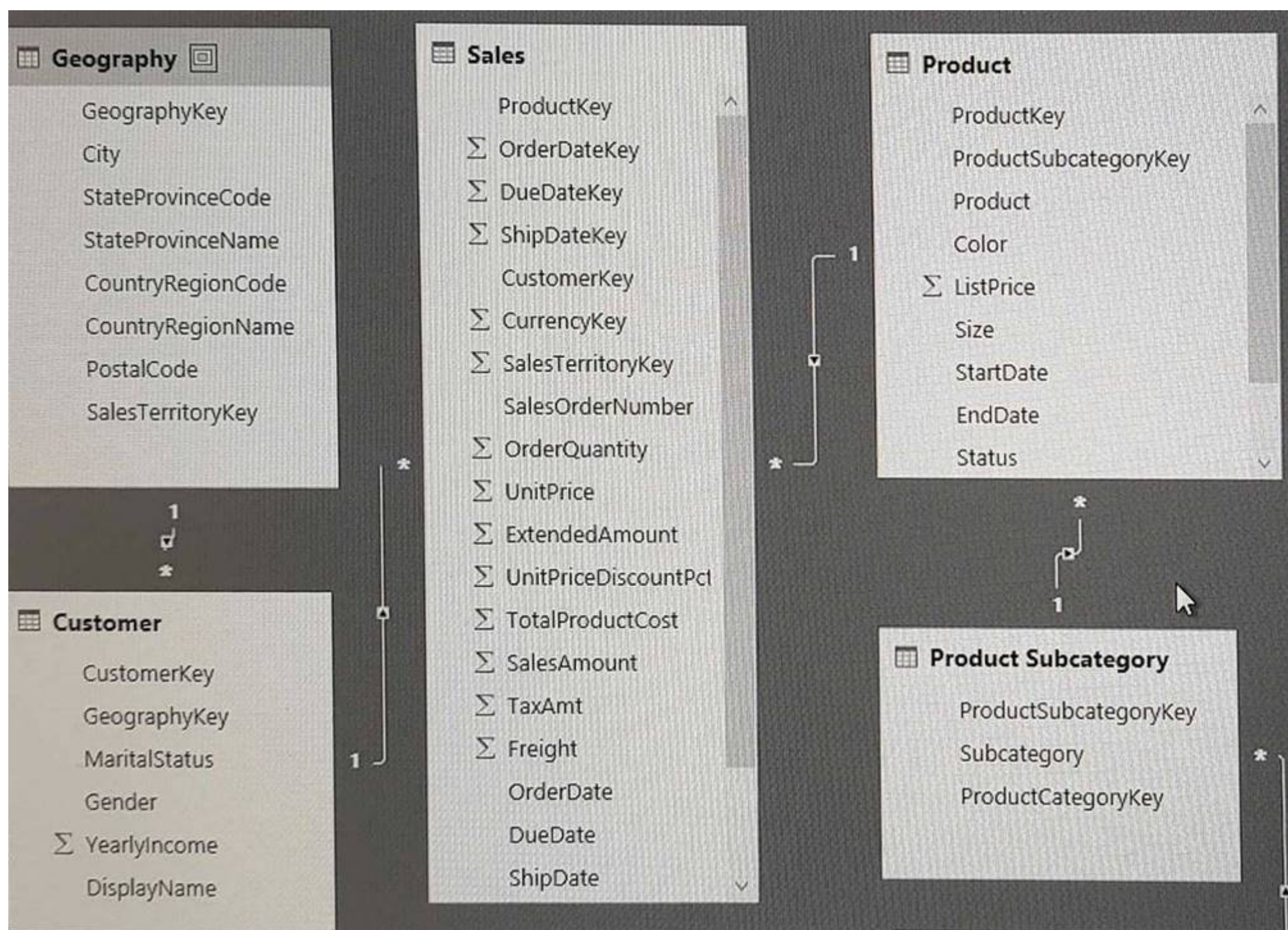
Start of repeated scenario

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 82

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 84

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 BI Admin portal, you modify the Tenant settings.

- A. Yes
- B. No

Answer: B

NEW QUESTION 86

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 89

Note: This question is a part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
Your company has 1,000 users in a Microsoft Office 365 subscription.
A Power BI administrator named Admin1 creates 20 dashboards and shares them with 50 users. You discover that a use name User1 can access all the dashboards.
You need to prevent User1 from accessing all the dashboards.
Solution: From the properties of each dashboard, you modify the Share settings. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

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

NEW QUESTION 91

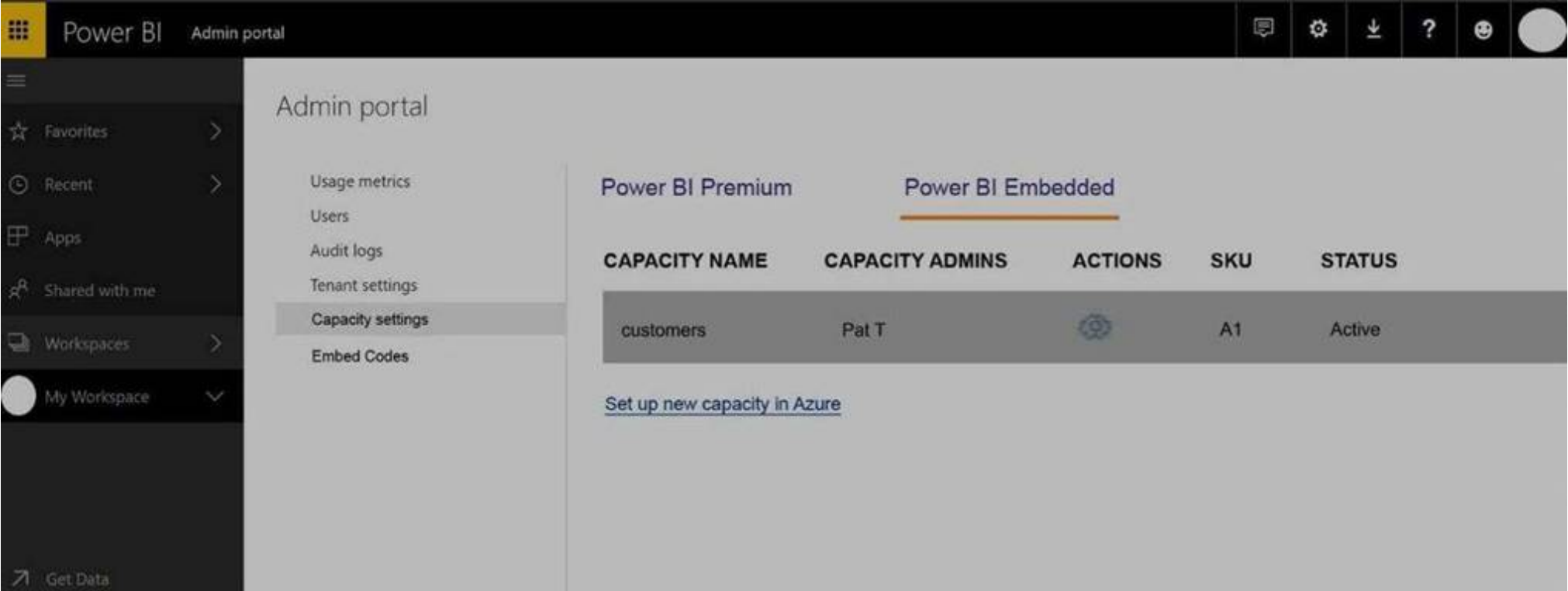
Note: This question is a part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer 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 93

You open the Power BI Admin portal as shown in the following graphic.



All the app workspaces use the customer's capacity.
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

You can scale up the customers capacity by changing the [answer choice].

pricing tier from the Azure portal
settings of the workspace
subscription from the Office 365 admin center
Tenant settings from the Power BI Admin portal

When designing a custom application that embeds reports from the customers capacity, the developer [answer choice].

can use both the user owns data model and the app owns data model
must use the app owns data model
must use the user owns data model

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

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

NEW QUESTION 96

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 101

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 106

You have a table in Power BI Desktop as shown in the following exhibit.

	Id	Key	Value
1	1 Student	Tom	
2	1 Class	101	
3	1 Score	80	
4	2 Student	Jane	
5	2 Class	101	
6	2 Score	89	
7	3 Student	Larry	
8	3 Class	102	
9	3 Score	95	
10	3 Score	70	

You pivot the columns as shown in the following exhibit.

	Id	Student	Class	Score
1	1	Tom	101	80
2	2	Jane	101	89
3	3	Larry	102	Error

You need to resolve the error in row 3. The solution must preserve all the data. What should you do?

- A. Change the Data Type of the Value column.
- B. Select the Score column, and then click Remove Errors.
- C. Select the Key column, and then click Remove Duplicates
- D. Change the Aggregate Value Function of the pivot.

Answer: D

Explanation:

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

NEW QUESTION 108

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 112

You are configuring the relationships between the following tables.

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

A customer can have multiple accounts. An account can only be associated to one customer. Each account is associated to only one insurance policy. You need to configure the relationships between the tables to ensure that you can create a report displaying customers and their associated insurance policies. How should you configure each relationship? To answer, drag the appropriate cardinalities to the correct relationships. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

Cardinalities

Answer Area

Many-to-one

Relationship from InsurancePolicy to Account:

One-to-many

Relationship from Account to BridgeAccount:

One-to-one

Relationship from Customer to BridgeAccount:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 115

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