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 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>
<thead>
<tr>
<th>Table name</th>
<th>Column name</th>
<th>Data type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order</td>
<td>Order_ID</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Order_date</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Order_amount</td>
<td>Currency</td>
</tr>
<tr>
<td></td>
<td>Customer_ID</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Order_ship_date</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Store_ID</td>
<td>Integer</td>
</tr>
<tr>
<td>Customer</td>
<td>Customer_ID</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>First_name</td>
<td>Varchar(100)</td>
</tr>
<tr>
<td></td>
<td>Last_name</td>
<td>Varchar(100)</td>
</tr>
<tr>
<td></td>
<td>Customer_photo</td>
<td>Binary</td>
</tr>
<tr>
<td>Date</td>
<td>Date_ID</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Date_name</td>
<td>Datetime</td>
</tr>
<tr>
<td></td>
<td>Month</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Year</td>
<td>Integer</td>
</tr>
<tr>
<td>Monthly_returns</td>
<td>Store_ID</td>
<td>Varchar(100)</td>
</tr>
<tr>
<td></td>
<td>Total_returns</td>
<td>Float</td>
</tr>
<tr>
<td>Store</td>
<td>Store_ID</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Name</td>
<td>Varchar(100)</td>
</tr>
<tr>
<td></td>
<td>City</td>
<td>Varchar(100)</td>
</tr>
<tr>
<td></td>
<td>Sales_target</td>
<td>Float</td>
</tr>
</tbody>
</table>

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 StoreJD column. This is the only relationship between the tables.
You plan to use Power BI Desktop to create an analytics solution for the data. End of repeated scenario.
You need to create a chart that displays a sum of Order[Order_amount] by month for the Order_ship_date column and the Order_date column.

How should you model the data?

A. Add a second Date table named Ship_date to the mode
B. Create a many-to-many relationship from Date[Date_ID] to Order[Order_date] and a many-to-many relationship from Ship_date[DateJD] to Order[Order_ship_date].
C. Add a second Date table named Ship_date to the mode
D. Create a one-to-many relationship from Date[Date_ID] to Order[Order_date] and a one-to-many relationship from Ship_date[Date_ID] to Order[Order_ship_date].
E. Create a one-to-many relationship from Date[Date_ID] to Order[Order_date] and another relationship from Date[Date_ID] to Monthly_returns[Date_ID].
F. Create a one-to-many relationship from Date[Date_ID] to Order[Order_date] and another relationship from Date[Date_ID] to Order[Order_ship_date].

Answer: D

NEW QUESTION 2
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


NEW QUESTION 3
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You have a service published to a website. When you connect to the website, you receive the following data.

```xml
<service xmlns="http://www.w3.org/2007/app"
xmllns:atom="http://www.w3.org/2005/Atom"
xmllns: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 4**

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.

**Answer:**

**Explanation:**
NEW QUESTION 5
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>
<thead>
<tr>
<th>Table name</th>
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</thead>
<tbody>
<tr>
<td>Order</td>
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</tr>
<tr>
<td></td>
<td>Order_date</td>
<td>Datetime</td>
</tr>
<tr>
<td></td>
<td>Order_amount</td>
<td>Currency</td>
</tr>
<tr>
<td></td>
<td>Customer_ID</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Order_ship_date</td>
<td>Datetime</td>
</tr>
<tr>
<td></td>
<td>Store_ID</td>
<td>Varchar(100)</td>
</tr>
<tr>
<td>Customer</td>
<td>Customer_ID</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>First_name</td>
<td>Varchar(100)</td>
</tr>
<tr>
<td></td>
<td>Last_name</td>
<td>Varchar(100)</td>
</tr>
<tr>
<td></td>
<td>Customer_photo</td>
<td>Binary</td>
</tr>
<tr>
<td>Date</td>
<td>Date_ID</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Date_name</td>
<td>Datetime</td>
</tr>
<tr>
<td></td>
<td>Month</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Week</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Year</td>
<td>Integer</td>
</tr>
<tr>
<td>Monthly_returns</td>
<td>Month_ID</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Total_returns</td>
<td>Float</td>
</tr>
<tr>
<td></td>
<td>Store_ID</td>
<td>Varchar(100)</td>
</tr>
<tr>
<td>Store</td>
<td>Store_ID</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td>Name</td>
<td>Varchar(100)</td>
</tr>
<tr>
<td></td>
<td>City</td>
<td>Varchar(100)</td>
</tr>
<tr>
<td></td>
<td>Sales_target</td>
<td>Float</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>COLUMNS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date[Date_name]</td>
</tr>
<tr>
<td>Date[Month]</td>
</tr>
<tr>
<td>Order[Order_amount]</td>
</tr>
<tr>
<td>Order[Order_ID]</td>
</tr>
<tr>
<td>Store[Sales-target]</td>
</tr>
</tbody>
</table>

**Indicator:**

**Trend axis:**

**Target goals:**
Answer:

**Explanation:**
Indicator: Order[Order_amount]  
Trend axis = Date[Month]  
Target goals = Store[Sales-target]

References:  

**NEW QUESTION 6**

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

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

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 name User1 can access all the dashboards.  
You need to prevent User1 from accessing all the dashboards.

**Solution:** From the Power BI Admin portal, you modify the Dashboard settings. Does this meet the goal?

A. Yes  
B. No

Answer: B

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

**NEW QUESTION 7**

You plan to create a dashboard in the Power BI service that retrieves data from a Microsoft SQL Server database. The dashboard will be shared between the users in your organization.

You need to ensure that the users will see the current data when they view the dashboard. How should you configure the connection to the data source?

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

Answer: D

**Explanation:** References:  
https://docs.microsoft.com/en-us/power-bi/desktop-directquery-about#power-bi-connectivity-modes

**NEW QUESTION 8**

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.

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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:  

**NEW QUESTION 9**

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 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 a Microsoft Excel workbook that is saved to Microsoft SharePoint Online. The workbook contains several Power View sheets.
You need to recreate the Power View sheets as reports in the Power BI service.
Solution: From the Power BI service, get the data from SharePoint Online, and then click Import. Does this meet the goal?
A. Yes
B. No

Answer: A

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

NEW QUESTION 11
You plan to join a fact table named ActivityLog to a Date dimension named ActivityDate. The date value in ActivityLog is a datetime column named ActivityStart. The date value in ActivityDate is a number column named DateID. DateID is in the YYYYMMDD format.
What should you do in the model before you create the relationship?
A. Change the Data Type of ActivityStart to Date.
B. Create a measure in ActivityLog that uses the format DAX function.
C. Change the Data Type of DateID to Date.
D. Create a calculated column in ActivityLog that uses the format DAX function.

Answer: D

NEW QUESTION 12
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


NEW QUESTION 13
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 14
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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 15
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