Microsoft

70-778

Analyzing and Visualizing Data with Power BI

http://killexams.com/pass4sure/exam-detail/70-778
You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. You plan to develop a Power BI model as shown in the Power BI Model exhibit. You plan to use Power BI to import data from 2013 to 2015. Product Subcategory[Subcategory] contains NULL values.

You need to create a measure of Sales[SalesAmount] where Product[Color] is Red or Product[Size] is 50. Which DAX formula should you use?
Question: 123

You have a Power BI model that contains the following two tables:
• Sales (Sales_ID, DateID, sales_amount)
• Date(DateID, Date, Month, Week, Year)
The tables have a relationship.
You need to create a measure to calculate the sales for same period from the previous year.
Which DAX formula should you use?
A. SUM(sales[sales_amount]) – CALCULATE(SUM(sales[sales_amount]), DATESYID('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. CALCULATEx(SUM(sales(sales_amount)), DATESYID('Date'[Date]))

Answer: C

References: https://msdn.microsoft.com/query-bi/dax/filter-function-dax
https://docs.microsoft.com/en-us/power-bi/desktop-quickstart-learn-dax-basics

Question: 124

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 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.

<table>
<thead>
<tr>
<th>TerritoryKey</th>
<th>TerritoryName</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>United States</td>
</tr>
<tr>
<td>1</td>
<td>USA</td>
</tr>
<tr>
<td>2</td>
<td>Canada</td>
</tr>
<tr>
<td>3</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>3</td>
<td>UK</td>
</tr>
</tbody>
</table>

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.Distinct
B. Table.IsDistinct
C. Table.ReplaceMatchingRows
D. Table.RemoveMatchingRows

Answer: A


Question: 125
You plan to create several datasets by using the Power BI service. You have the files configured as shown in the following table.

<table>
<thead>
<tr>
<th>File name</th>
<th>File type</th>
<th>Size</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data 1</td>
<td>TSV</td>
<td>50 MB</td>
<td>Microsoft OneDrive</td>
</tr>
<tr>
<td>Data 2</td>
<td>XLSX</td>
<td>3 GB</td>
<td>Local</td>
</tr>
<tr>
<td>Data 3</td>
<td>XML</td>
<td>100 MB</td>
<td>Microsoft OneDrive for Business</td>
</tr>
<tr>
<td>Data 4</td>
<td>CSV</td>
<td>2 GB</td>
<td>Microsoft OneDrive</td>
</tr>
<tr>
<td>Data 5</td>
<td>JPG</td>
<td>5 MB</td>
<td>Local</td>
</tr>
</tbody>
</table>

You need to identify which files can be used as datasets. You need to identify which two files should you identify? Each correct answer presents part of the solution.

A. Data 1
B. Data 2
C. Data 3
D. Data 4
E. Data 5

Answer: AE

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

Question: 126

You have a Power BI model that contains the following two tables:
- Sales(Sales_ID, sales.date, sales_amount, CustomerID)
- Customer(CustomerID, First_name, Last_name)

There is a relationship between Sales and Customer. You need to create a measure to rank the customers based on their total sales amount. Which DAX formula should you use?

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

Answer: A

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

Question: 127

You have the following tables

<table>
<thead>
<tr>
<th>Table name</th>
<th>Column name</th>
<th>Data Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subscriber</td>
<td>SubscriberID</td>
<td>Whole Number</td>
</tr>
<tr>
<td></td>
<td>StartDate</td>
<td>Date</td>
</tr>
<tr>
<td></td>
<td>EndDate</td>
<td>Date</td>
</tr>
<tr>
<td>Date</td>
<td>Date</td>
<td>Date</td>
</tr>
<tr>
<td></td>
<td>Day</td>
<td>Text</td>
</tr>
<tr>
<td></td>
<td>Month</td>
<td>Text</td>
</tr>
<tr>
<td></td>
<td>Year</td>
<td>Whole Number</td>
</tr>
</tbody>
</table>

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

References: https://docs.microsoft.com/en-us/power-bi/desktop-create-and-manage-relationships
Question: 128

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

<table>
<thead>
<tr>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK - London</td>
</tr>
<tr>
<td>France - Paris</td>
</tr>
<tr>
<td>Spain - Madrid</td>
</tr>
<tr>
<td>Canada - Montreal</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>London</td>
</tr>
<tr>
<td>Paris</td>
</tr>
<tr>
<td>Madrid</td>
</tr>
<tr>
<td>Montreal</td>
</tr>
</tbody>
</table>

What should you do?
A. From the Format menu, click Trim.
B. From the Extract menu, click Last Characters
C. From the Split Column menu, click By Delimiter
D. From the Extract menu, click Text After Delimiter.

Answer: D


Question: 129

Your organization has a Microsoft Office 365 subscription.

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

You need to ensure that all the users can access the Power BI service. What should you do first?
A. From the properties of each dashboard, modify the Share dashboard settings.
B. From Microsoft Azure PowerShell, run the Set-MsolDomain cmdlet.
C. Instruct each user to install Microsoft Office 2016.
D. From Microsoft Azure PowerShell, run the Set-MsolCompanySettings cmdlet.

Answer: D

References: https://docs.microsoft.com/en-us/power-bi/service-admin-service-free-in-your-organization#enable-or-disable-individual-user-sign-up-in-azure-active-directory

Question: 130

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

Answer: D

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