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Analyzing and Visualizing Data with Microsoft Excel

Microsoft 70-779

Version Demo

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QUESTION NO: 1

From a workbook query, you import a table that has the following data.

City	StateProv	Country
Montreal, Canada	QC	CA
Toronto, Canada	ON	CA
Seattle, Washington	WA	US
Miami, Florida	FL	US

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

City	StateProv	Country
Montreal	QC	CA
Toronto	ON	CA
Seattle	WA	US
Miami	FL	US

What should you do?

- A. From the Format menu, click Trim
- B. From the Format menu, click Clean
- C. From the Extract menu, click Last Characters
- D. From the Split Column menu, click By Delimiter

ANSWER: A

Explanation:

Reference: <https://www.pcworld.com/article/3163966/excel-tutorial-how-to-import-and-parse-complicated-data.html>

QUESTION NO: 2 - (HOTSPOT)

HOTSPOT

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 are creating reports for a car repair company. You have four datasets in Excel spreadsheets. Four workbook queries load the datasets to a data model. A sample of the data is shown in the

Data Sample exhibit. (Click the Exhibit button.)

Data Sample exhibit:

DailyRepairs

Date	WorkshopID	RepairTypeID	Hours	Revenue
2016-10-01	1	4	2	£ 432
2016-10-01	6	8	16	£ 4,144
2016-10-01	3	6	12	£ 564
2016-10-01	6	5	4	£ 1,680
2016-10-01	5	4	12	£ 1,968
2016-10-01	3	4	14	£ 854
2016-10-01	2	4	15	£ 3,030
2016-10-01	1	1	0	£ -

Workshops

ID	Workshop Name	Workshop Manager	Manager Since	IsLatest
1	Cambridge	Alex Hankin	2012-11-10	1
2	Bedford	Ben Miller	2015-04-22	1
3	Camden	Kari Furse	2015-08-29	1
4	Belsize	Ron Gabel	2016-02-14	1
5	Reading	Josh Edwards	2009-11-07	1
6	Kilburn	Karen Toh	2012-02-25	1
6	Kilburn	Eva Corets	2009-06-06	0

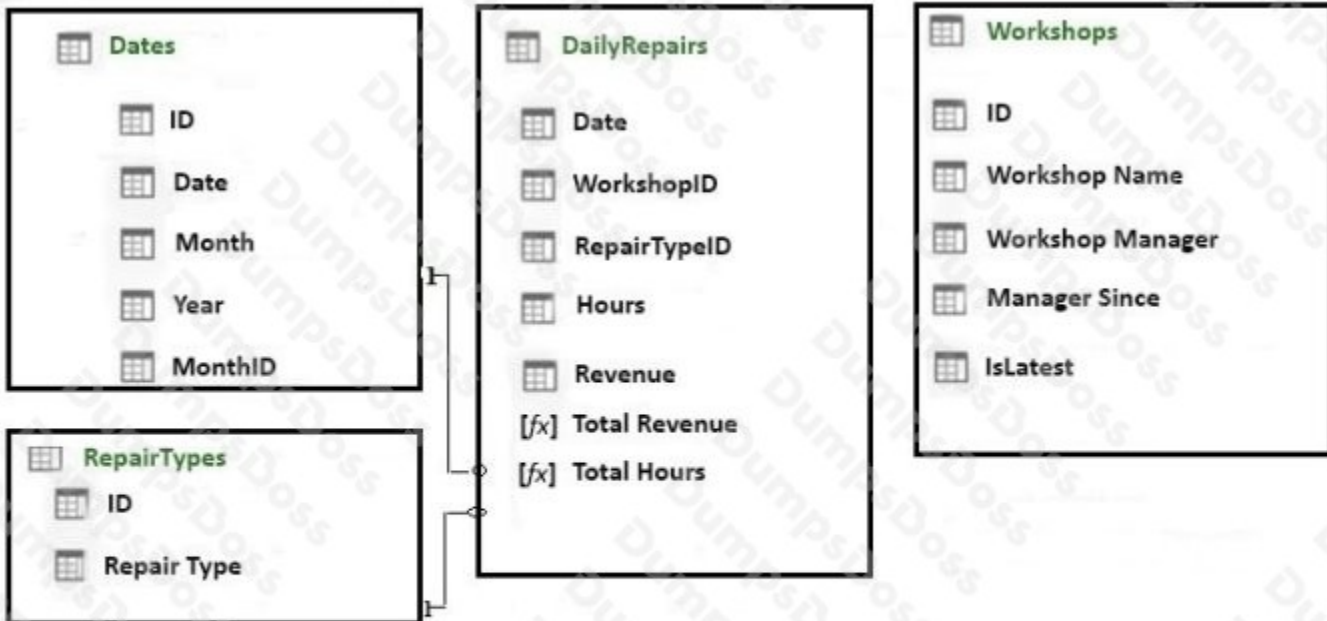
Dates

ID	Date	Month	Year	MonthID
20160101	2016-01-01	Jan '16	2016	201601
20160102	2016-01-02	Jan '16	2016	201601
20160103	2016-01-03	Jan '16	2016	201601
20160104	2016-01-04	Jan '16	2016	201601
20160105	2016-01-05	Jan '16	2016	201601
20160106	2016-01-06	Jan '16	2016	201601
20160107	2016-01-07	Jan '16	2016	201601
20160108	2016-01-08	Jan '16	2016	201601
20160109	2016-01-09	Jan '16	2016	201601

RepairTypes

ID	Repair Type
1	Engine
2	Radiator
3	Gearbox
4	Clutch
5	Brakes
6	Tires
7	Bodywork
8	Windscreen
9	Other

The data model is shown in the Data Model exhibit. (Click the Exhibit button.)



The tables in the model contain the following data:

- DailyRepairs has a log of hours and revenue for each day, workshop, and repair type. Every day, a log entry is created for each workshop, even if no hours or revenue are recorded for that day. Total Hours and Total Revenue are two measures defined in DailyRepairs. Total Hours sums the Hours column, and Total Revenue sums the Revenue column.
- Workshops have a list of all the workshops and the current and previous workshop managers. The format of the Workshop Manager column is always Firstname Lastname. A value of 1 in the IsLatest column indicates that the workshop manager listed in the record is the current workshop manager.
- RepairTypes has a list of all the repair types
- Dates has a list of dates from 2015 to 2018

End of repeated scenario.

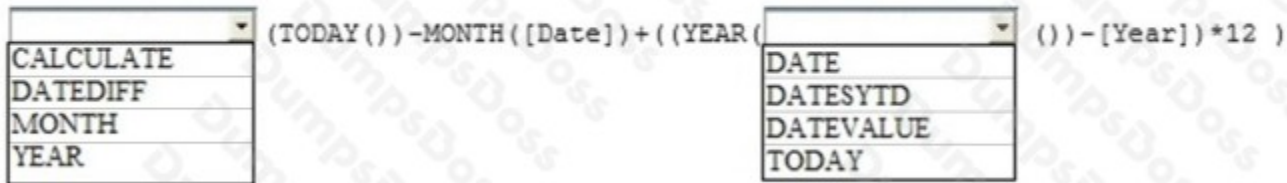
To the Dates table, you need to add a calculated column named Months Ago. Months Ago must display the number of calendar months before the current month. For example, if the current date is July 10, 2017, the Value of Months Ago will be 0 for all the dates in July 2017, 1 for all the dates in June 2017, and 2 for all the dates in May 2017.

How should you complete the DAX formula? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

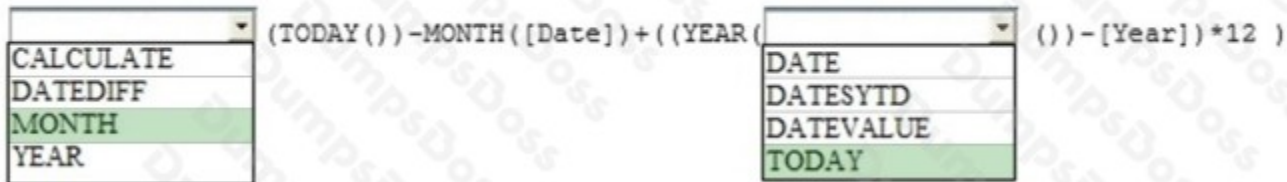
Hot Area:

Answer Area



ANSWER:

Answer Area



Explanation:

References: <https://msdn.microsoft.com/en-us/library/ee634914.aspx> <https://msdn.microsoft.com/en-us/library/ee634567.aspx> <https://msdn.microsoft.com/en-us/library/ee634554.aspx>

QUESTION NO: 3

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 Pivot model that contains the following tables.

Table name	Column name
Products	ProductID
	ProductName
	Price
	ProductCategoryID
ProductCategory	ProductCategoryID
	ProductCategoryName

There is a relationship between Products and ProductCategory.

You need to create a hierarchy in Products that contains ProductCategoryName and ProductName. Solution: You create a calculated column that uses the RELATED DAX function

Does this meet the goal?

- A. Yes
- B. No

ANSWER: A

Explanation:

References:

<https://www.mssqltips.com/sqlservertip/2900/creating-hierarchies-in-powerpivot-for-excel/> <https://msdn.microsoft.com/en-us/library/ee634202.aspx>

QUESTION NO: 4

You have a table named Sales that has three columns named Region, Country, and SalesAmount.

You create a PivotTable as shown in the following exhibit.

Row Labels	Sum of SalesAmount
Europe	
France	180571.692
Germany	234206.7202
United Kingdom	288012.2494
North America	
Canada	146829.8074
United States	1075679.84
Pacific	
Australia	1297816.57
Grand Total	3223116.878

You need to ensure that the PivotTable appears in three columns as shown in the following exhibit.

Region	Country	Sum of SalesAmount
Europe	France	180571.692
	Germany	234206.7202
	United Kingdom	288012.2494
North America	Canada	146829.8074
	United States	1075679.84
Pacific	Australia	1297816.57
Grand Total		3223116.878

What should you do?

- A. On the Design tab, click Report Layout, and then click Show in Compact Form
- B. Move Country from the Rows area to the Values area
- C. Move Country from the Rows area to the Columns area
- D. On the Design tab, click Report Layout, and then click Show in Tabular Form

ANSWER: D

Explanation:

Reference: <https://www.got-it.ai/solutions/excel-chat/excel-tutorial/pivot-table/transpose-pivot-table-data>

QUESTION NO: 5

You have an Excel spreadsheet that contains a PivotChart.

You install Microsoft Power BI Publisher for Excel.

You need to add a tile for the PivotChart to a Power BI dashboard.

What should you do?

- A. From powerbi.com, click Get apps
- B. From powerbi.com, upload the Excel workbook
- C. From the File menu in Excel, click Publish
- D. From the Power BI tab in Excel, click Pin

ANSWER: C

Explanation:

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

QUESTION NO: 6

You install Microsoft Power BI Publisher for Excel.

You need to use Excel to connect and analyze Power BI data.

To which two types of Power BI data can you connect? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. datasets
- B. apps
- C. reports
- D. dashboard

ANSWER: A C

Explanation:

Reference: <https://powerbi.microsoft.com/en-us/blog/analyze-in-excel-from-power-bi-publisher-july-update/>

QUESTION NO: 7 - (DRAG DROP)

DRAG DROP

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

Year	BrandName	ChannelName	PromotionType	Total Sales
2007	Contoso	Catalog	No Discount	1,000,000
2007	Contoso	Online	Seasonal Discount	2,499,864
2007	Fabrikam	Store	No Discount	7,665,666
2007	Fabrikam	Reseller	Seasonal Discount	3,666.845

You need to create a PivotTable as shown in the exhibit. (Click the Exhibit tab.)

Sum of TotalSales	Column Labels		
Row Labels	2007	2008	Grand Total
Catalog			
No Discount	1000000	1100000	2100000
Seasonal Discount	500000	660000	1160000
Catalog Total	1500000	1760000	3260000
Online			
No Discount	2499864	2465864	4965728
Seasonal Discount	499864	2445464	2945328
Online Total	2999728	4911328	7911056
Reseller			
No Discount	3666	36606	40272
Seasonal Discount	333266	36776	370042
Reseller Total	336932	73382	410314
Store			
No Discount	7665666	7667889	15333555
Seasonal Discount	3365666	7699889	11065555
Store Total	11031332	15367778	26399110
Grand Total	15867992	22112488	37980480

How should you configure the Rows and the Columns area in PivotTable Fields? To answer, drag the appropriate fields to the correct areas. Each field 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.

Select and Place:

Fields

BrandName	ChannelName
PromotionType	Year
Total Sales	

Answer Area

Columns:

Field

Rows:

Field
Field

ANSWER:

Fields

BrandName	ChannelName

Answer Area

Columns:

Year

Rows:

PromotionType
Total Sales

Explanation:

QUESTION NO: 8 - (DRAG DROP)

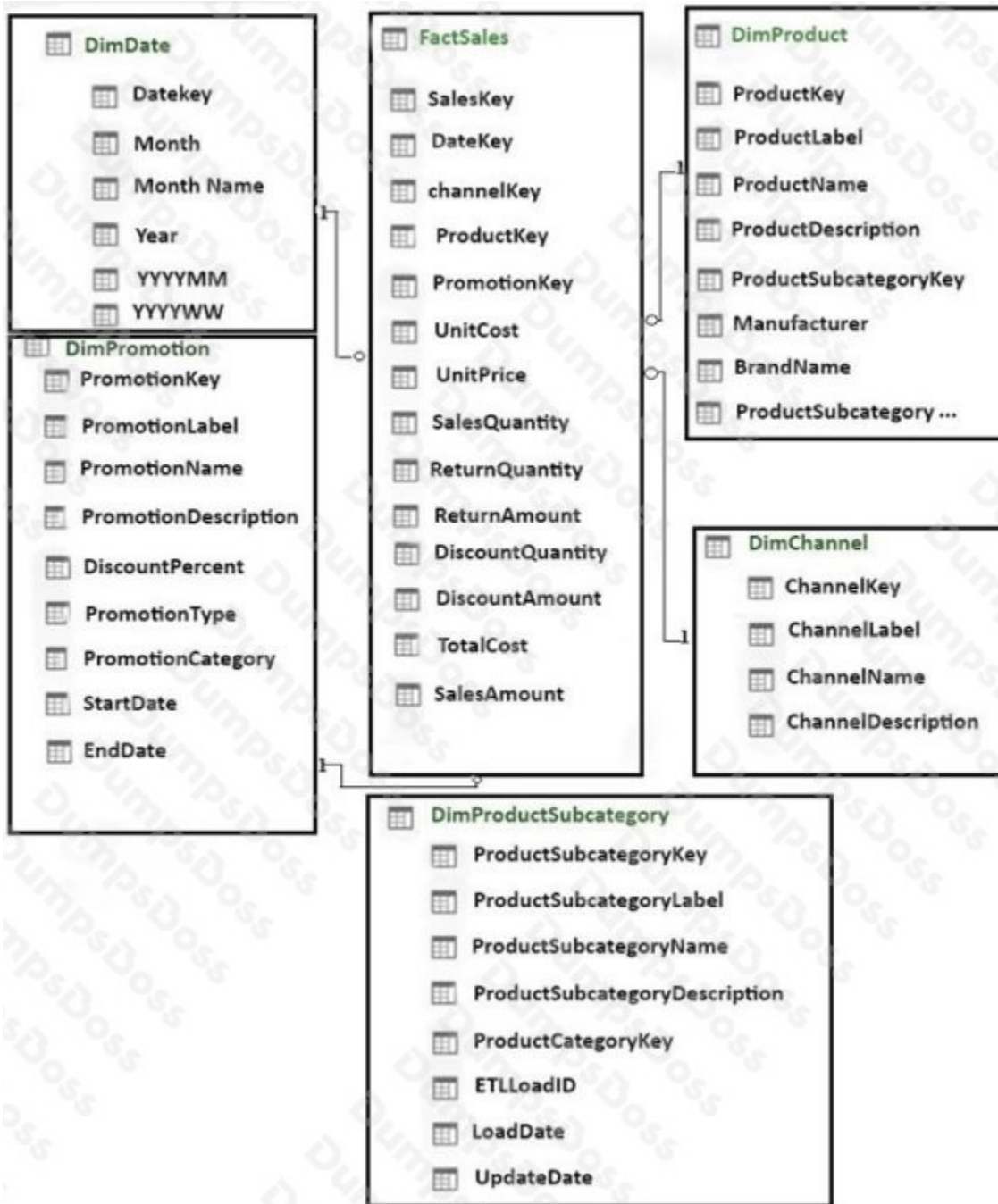
DRAG DROP

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Start of repeated scenario.

You have six workbook queries that each extracts a table from a Microsoft Azure SQL database. The tables are loaded to the data model, but the data is not loaded to any worksheets. The data model is shown in the Data Model exhibit. (Click the Exhibit button.)

Exhibit:



Your company has 100 product subcategories and more than 10,000 products.

End of repeated scenario.

You need to create a chart as shown in the following exhibit.



Which field should you use for each area? To answer, drag the appropriate fields to the correct areas. Each field 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.

Select and Place:

Fields

- ChannelName
- Month Year
- SalesAmount
- Year

Answer Area

Axis:

Field

Legend:

Field

Values:

Field

ANSWER:

Fields

Answer Area

Axis:

Legend:

Values:

Explanation: