



PL-300^{Q&As}

Microsoft Power BI Data Analyst

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QUESTION 1

HOTSPOT

You have a table that contains a column named Phone. The following is a sample of the data in the Phone column.

```
436-555-0160  
385-555-0140  
452-555-0179  
290-555-0196  
1 (11) 500 555-0122  
128-555-0148  
819-555-0186  
996-555-0192  
138-555-0156  
556-555-0192
```

You need to add a new column that contains the data in the format of nnn-xxx-xxxx.

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

NOTE: Each correct selection is worth one point.

Hot Area:

```
= Table.AddColumn("#Previous Step", "Custom", each Text.
```

▼
Insert
Remove
Replace
ReplaceRange

```
(Text.
```

▼
At
End
Middle
Range

```
 ([Phone], 12), " ", "-"))
```

Correct Answer:



= Table.AddColumn("#Previous Step", "Custom", each Text.

▼
Insert
Remove
Replace
ReplaceRange

(Text.

▼
At
End
Middle
Range

([Phone], 12), " ", "-"))

References: <https://docs.microsoft.com/en-us/powerquery-m/text-replace> <https://docs.microsoft.com/en-us/powerquery-m/text-end>

QUESTION 2

You have the dataset shown in the following exhibit.



City	Sales Profit
Abbottsburg	\$173,947
Absecon	\$129,358
Accomac	\$157,768
Aceitunas	\$119,283
Airport Drive	\$162,500
Akhiok	\$259,554
Alcester	\$127,040
Alden Bridge	\$152,138
Alstead	\$106,147
Amado	\$136,718
Amanda Park	\$117,444
Andrix	\$130,710
Annamoriah	\$139,499
Antares	\$147,562
Antonio	\$113,056
Total	\$85,729,181

You need to ensure that the visual shows only the 10 cities that have the highest sales profit. What should you do?

- A. Add a Top N filter to the visual.
- B. Configure the Sales Profit measure to use the RANKX function.
- C. Add a calculated column to the table that uses the TOPN function. In the visual, replace Sales Profit with the calculated column.
- D. Add a calculated column to the table that returns the city name if the city is in the top 10, otherwise the calculated column will return "Not in Top 10". In the visual, replace Sales Profit with the calculated column.

Correct Answer: A

Power BI Top N Filters are useful to display the top performing records, and Bottom N filters are helpful to display the least performing records. For example, we can display top or bottom 10 products by orders or sales.

Note:

Select the Column you want to display the Top Sales Profit Then change the Filter Type of that Column to Top N Fill in



Top / Bottom number field And lastly drag to the By Value filed your Sales Profit

Reference:

<https://www.tutorialgateway.org/power-bi-top-10-filters/>

QUESTION 3

HOTSPOT

You have an API that returns more than 100 columns. The following is a sample of column names.

1.

client_notified_timestamp

2.

client_notified_source

3.

client_notified_sourceid

4.

client_notified_value

5.

client_responded_timestamp

6.

client_responded_source

7.

client_responded_sourceid

8.

client_responded_value

You plan to include only a subset of the returned columns. You need to remove any columns that have a suffix of sourceid.

How should you complete the Power Query M code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



let

Source = ...,

rawData = Source{[tableId= "clientData"]}[Data],

removeSources =

	▼
Table.CombineColumn	
Table.FindText	
Table.FromList	
Table.RemoveColumns	

 (rawData,

	▼
Table.CombineColumn	
Table.FindText	
Table.FromList	
Table.RemoveColumns	

,

	▼
List.Contains	
List.Select	
Table.FindText	
Table.FromList	

(Table.ColumnNames (rawData),

each

	▼
Text.Contains	
Text.EndsWith	
Text.From	
Text.StartsWith	

 (_, "sourceid"))

	▼
Text.Contains	
Text.EndsWith	
Text.From	
Text.StartsWith	

in

removeSources

Correct Answer:



let

```

Source = ...,
rawData = Source{[tableId= "clientData"]}[Data],
removeSources = 
    (rawData,
    Table.CombineColumn
    Table.FindText
    Table.FromList
    Table.RemoveColumns
    (Table.ColumnNames (rawData),
    List.Contains
    List.Select
    Table.FindText
    Table.FromList
    each (
        (_, "sourceid"))
        Text.Contains
        Text.EndsWith
        Text.From
        Text.StartsWith
    )
in
    removeSources

```

Box 1: Table.RemoveColumns When you do "Remove Columns" Power Query uses the Table.RemoveColumns function

Box 2: List.Select Get a list of columns.

Box 3: Text.EndsWith

Reference: <https://community.powerbi.com/t5/Power-Query/Remove-columns-containing-a-certain-value/td-p/759657>

QUESTION 4

You need to provide a solution to provide the sales managers with the required access. What should you include in the solution?

- A. Create a security role that has a table filter on the Sales_Manager table where username = UserName()
- B. Create a security role that has a table filter on the Region_Manager table where sales_manager_id = UserPrincipalName().
- C. Create a security role that has a table filter on the Sales_Manager table where name = UserName().
- D. Create a security role that has a table filter on the Sales_Manager table where username = sales_manager_id.



Correct Answer: A

Scenario: The region_id column can be managed by only one sales manager.

You can use Username() or userprincipalname() in DAX with Row-Level Security.

Within Power BI Desktop, username() will return a user in the format of DOMAIN\User and userprincipalname() will return a user in the format of user@contoso.com.

Incorrect Answers:

B: sales_manager_id is an integer and cannot be converted to a string datatype.

Reference: <https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>

QUESTION 5

You need to create the dataset. Which dataset mode should you use?

- A. DirectQuery
- B. Import
- C. Live connection
- D. Composite

Correct Answer: D

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