TDA-C01^{Q&As}

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QUESTION 1

You have the following dataset.

Region	Profit	Sales
Central	39706	501240
East	91523	678781
South	46749	391722
West	108418	725458

You need to create the following worksheet.

The table must show either profit or sales based on the selection from the Parameter 1 menu.

Which three actions should you perform in orders

(Place the three correct options in order Use the arrows to move Options lo Answer Area Use Answer Area arrows to reorder the options)

Select and Place:

Options

| Drag the calculated field to Detail on the Marks card and add Region to the Columns shelf |
| Create a calculated field that uses the following formula:

IF [Sales]=[Parameter 1]
THEN 'sales'
ELSEIF [Profit]=[Parameter 1]
THEN 'profit'
END |
| Create a parameter that has list string values of profit and sales. Select Show Parameter. |
| Create a calculated field that uses the following formula:

IF [Parameter 1]='sales'
THEN [Sales]
ELSEIF [Parameter 1]='profit'
THEN [Profit]
END |
| Drag the calculated field to Text on the Marks card and add Region to the Rows shelf |

Answer Area

Correct Answer:

Options

| Create a calculated field that uses the following formula:

IF [Sales]=[Parameter 1]
THEN 'sales'
ELSEIF [Profit]=[Parameter 1]
THEN 'profit'
END |
| Drag the calculated field to Text on the Marks card and add Region to the Rows shelf |

Answer Area

| Create a parameter that has list string values of profit and sales. Select Show Parameter. |
| Create a calculated field that uses the following formula:

IF [Parameter 1]='sales'
THEN [Sales]
ELSEIF [Parameter 1]='profit'
THEN [Profit]
END |
| Drag the calculated field to Detail on the Marks card and add Region to the Columns shelf |

QUESTION 2

You have a database that includes field named sales, City and Region.

You have the following chart that shows the number of sales made in different cities.

You want to dynamically show the corresponding region when users hover their mouse over any of the bars. What should you do?

A. Right-click a in the chat, select Annotate and then select Mark.

B. Right-click a bar in the chart select Mark Label and then select Always show.

C. Edit the aliases for City.

D. Drag Region to Tooltip on the Marks card
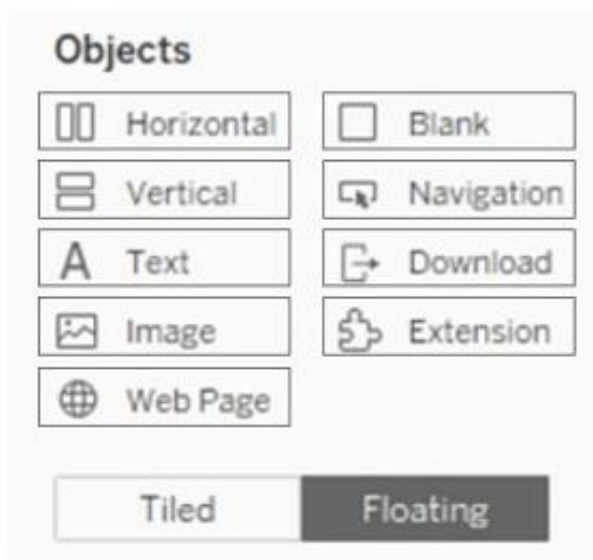
Correct Answer: A

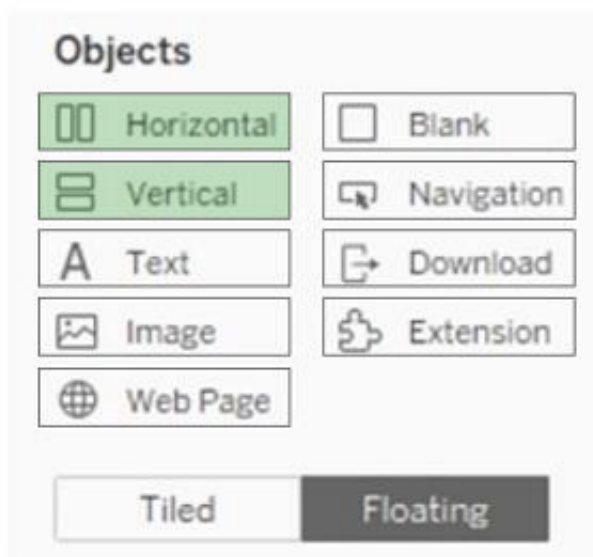**QUESTION 3**

HOTSPOT

You have a blank dashboard.

You want to add two sheets to the dashboard. The sheets must support the Show/Hide button.

To which two objects can you add the sheets? (Click the two appropriate Options in the Answer Area.)

Hot Area:

Objects

Horizontal	Blank
Vertical	Navigation
Text	Download
Image	Extension
Web Page	

Tiled	Floating

Correct Answer:

Objects

Horizontal	Blank
Vertical	Navigation
Text	Download
Image	Extension
Web Page	

Tiled	Floating

To add two sheets to the dashboard that support the Show/Hide button, you can add them to either a horizontal or a vertical container. A container is an object that can hold one or more sheets or other objects and allow you to arrange them in a layout. A Show/Hide button is a feature that lets you hide or show a container and its contents on the dashboard. You can add a Show/Hide button to any container, whether it is tiled or floating, by using the drop-down menu of the container and selecting "Add Show/Hide Button." You can also customize the appearance and behavior of the button. To add a horizontal or a vertical container to the dashboard, you can drag them from the Objects pane to the dashboard. A horizontal container will arrange the sheets or objects horizontally, while a vertical container will arrange them vertically. You can then drag the sheets you want to add from the Sheets pane to the container. You can resize and reorder the sheets or objects within the container by using the handles and arrows. The other objects in the Answer Area, such as text, image, web page, blank, navigation, download, and extension, do not support the Show/Hide button.

They are either static elements that cannot hold other objects, or dynamic elements that require user interaction or external sources. You can add them to the dashboard as well, but they will not have the same functionality as a container with a Show/Hide button. References: Add Show/Hide Buttons - Tableau Layout Containers - Tableau

QUESTION 4

You conned to a Microsoft SQL Server database You need to create a custom SQL query that retrieves rows from a table named Students Only students m the city of Berlin must be returned How should you complete the query? (Drag the appropriate Options to the Answer Area and drop into the correct locations.)

Select and Place:

Correct Answer:

QUESTION 5

You have the following dashboard that contains two sheets.

Region	2018	2019	2020	2021	Consumer	Corporate	Home Office
Central	103,838	102,874	147,429	147,098	252,031	157,996	91,213
East	128,680	156,332	180,686	213,083	350,908	200,409	127,464
South	103,846	71,360	93,610	122,906	195,581	121,886	74,255
West	147,883	139,966	187,480	250,128	362,881	225,855	136,722

You want to minimize the whitespace between the sheets.

What should you configure?

A. The background

B. The position

C. The padding

D. The size

E. The border

Correct Answer: C

Explanation: To minimize the whitespace between the sheets, you should configure the padding of the sheets and the dashboard. Padding is the amount of space between the edge of a sheet or dashboard and its content. You can adjust the padding by using the Layout tab in the Format pane. You can reduce the padding for each sheet by selecting the sheet and changing the values for the inner and outer padding. You can also reduce the padding for the dashboard by selecting the dashboard and changing the values for the outer padding. Reducing the padding will make the sheets and the dashboard more compact and eliminate unnecessary whitespace. References: Format Dashboards - Tableau Tableau Certified Data Analyst Study Guide

QUESTION 6

You want to add a draft watermark to a dashboard as shown in the following exhibit.

Which type of object should you use?

A. Image

B. Sheet

C. Web page

D. Horizontal

Correct Answer: C

QUESTION 7

DRAG DROP

You have the following calculated fields in a worksheet.

[Calc1] = DATEADD (\\'year\\', -1, TODAY ())

[Calc2] = DATETRUNC (\\'month\\' , DATEADD (\\'year\\', -1, TODAY ()))

You want to calculate the month to date value of the prior year.

How should you complete the formula? (Drag the appropriate Options to the Answer Area and drop into the correct locations.)

Select and Place:

Options

[Calc1]

[Calc2]

[Order Date]

TODAY ()

Answer Area

[Order Date]
<=
AND [Order Date]
>=

Option

Option

Correct Answer:

Options

[Order Date]

TODAY ()

Answer Area

[Order Date]
<=
AND [Order Date]
>=

[Calc1]

[Calc2]

QUESTION 8

You have the following dataset.

Name	Region	Tableau_User_Name	Sales
Kelvin Hendricks	North	kh@email.com	$455.89
Simone Westin	South	sw@email.com	$899.99
Valerie Martin	West	vm@email.com	$12900.20
Phyliss Chan	East	pc@email.com	$123.00
...	...	...	...

You plan to create a dashboard that will be filtered to show only data that is relevant to a specific Tableau user based on the Tableau_User_Name field You need to create a boolean calculated field to place on the data source finer Which formula should you use for the filter?
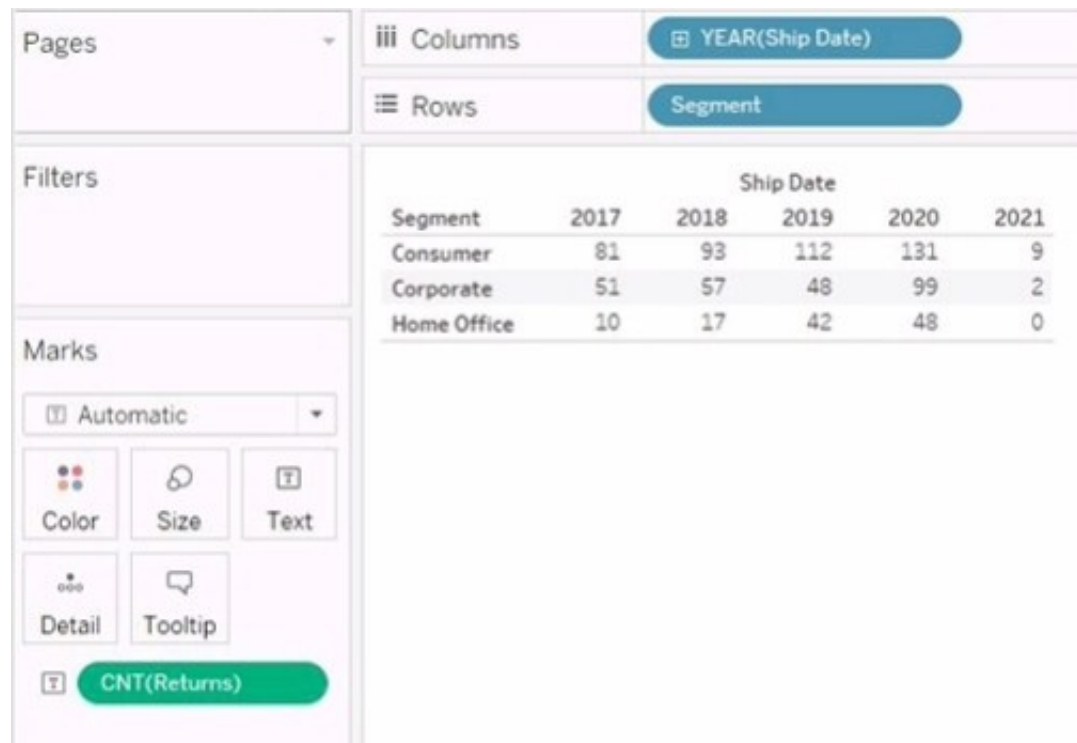
A. NAMEUSERNAME()

B. ISFULLNAMETableu_USER_NAME))=USERNAME()

C. NAME Tableau-USER-NAME)

D. USERNAME()=(Tableau_USER_NAME)

Correct Answer: C

QUESTION 9

HOTSPOT

You have the following visualization.

| Pages | ▾ | iii Columns | | ⊞ YEAR(Ship Date) |
| Rows | | Segment |

Filters

Ship Date

Segment	2017	2018	2019	2020	2021
Consumer	81	93	112	131	9
Corporate	51	57	48	99	2
Home Office	10	17	42	48	0

Marks

⊞ Automatic ▾

| Color | Size | Text |
| Detail | Tooltip |

CNT(Returns)

You want the count of Returns displayed only for the first year in the table.

How should you complete the formula in the calculated field? (Use the dropdowns in the Answer Area to select the correct options to complete the formula.)
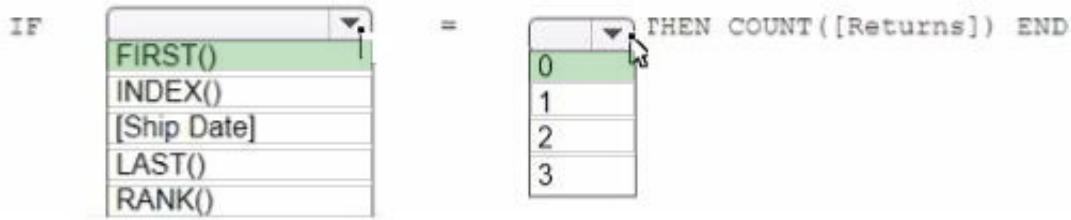
Hot Area:

IF | [FIRST() ▾] | = | [▾] THEN COUNT([Returns]) END

Dropdown 1 options:
FIRST()
INDEX()
[Ship Date]
LAST()
RANK()

Dropdown 2 options:
0
1
2
3

Correct Answer:

Explanation: we need to create a calculated field that displays the count of returns only for the first year in the table. To do this, we can use the following formula:

IF FIRST () = 0 THEN COUNT (Returns) END

This formula uses the FIRST () function, which returns the number of rows from the current row to the first row in the partition. If the current row is the first row, then FIRST () returns 0. The IF statement checks if this condition is true, and if so,

it returns the count of returns for that row. Otherwise, it returns NULL.

To complete the formula in the calculated field, you should select the following options from the drop-down menus:

FIRST ()

COUNT (Returns)

https://help.tableau.com/current/pro/desktop/en-us/functions_functions_date.htm

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QUESTION 10

You plan to create a visualization that has a dual axis chart. The dual axis chart will contain a shape chart and a line chart will use the same measure named Population on the axis.

You need to configure be shapes to be much larger than the line.

What should you do?

A. Duplicate Population Drag the duplicate to the second Marks card and configure the see of the marks independently

B. Create a custom shape that is larger than the default shape and add the shape to the Shapes folder in My Repository

C. For the second axis select Shape on the Marks card From Select Shape Palette select Custom and then select Reset

D. Change Population to a discrete dimension

Correct Answer: A

QUESTION 11

You have a workbook that connects to a database. The database requires authentication.

You plan to publish the workbook and schedule a daily refresh of the data.

Which two conditions must be met to schedule the refresh? Choose two.

A. The credentials must be embedded.

B. The data source must be stored as a hyper file.

C. The data source must use a live connection.

D. The data must be extracted.

Correct Answer: AD

To schedule a refresh of the data, you need to ensure that Tableau Server or Tableau Online can access the database without prompting for credentials. This can be done by embedding the credentials in the workbook or the published data source. You also need to extract the data from the database and publish it as a separate data source or as part of the workbook. A live connection would not allow you to refresh the data on a schedule, as it would always query the database directly. A hyper file is a format for storing extracted data, but it is not a requirement for scheduling a refresh. References: Tableau Certified Data Analyst Exam Prep Guide, page 10, section "Publishing and Scheduling Data Refreshes" Tableau Help: Embedding Database Credentials Tableau Help: Extract Your Data

QUESTION 12

You want to add a comment to March 2020 as shown in the following visualization. You have the following sets in a Tableau workbook ?Top N Customers Customers of 2020

Top N Products Sellers of 2020 Which two sets can you combine? Choose two

A. Sellers of 2020

B. Customers of 2020

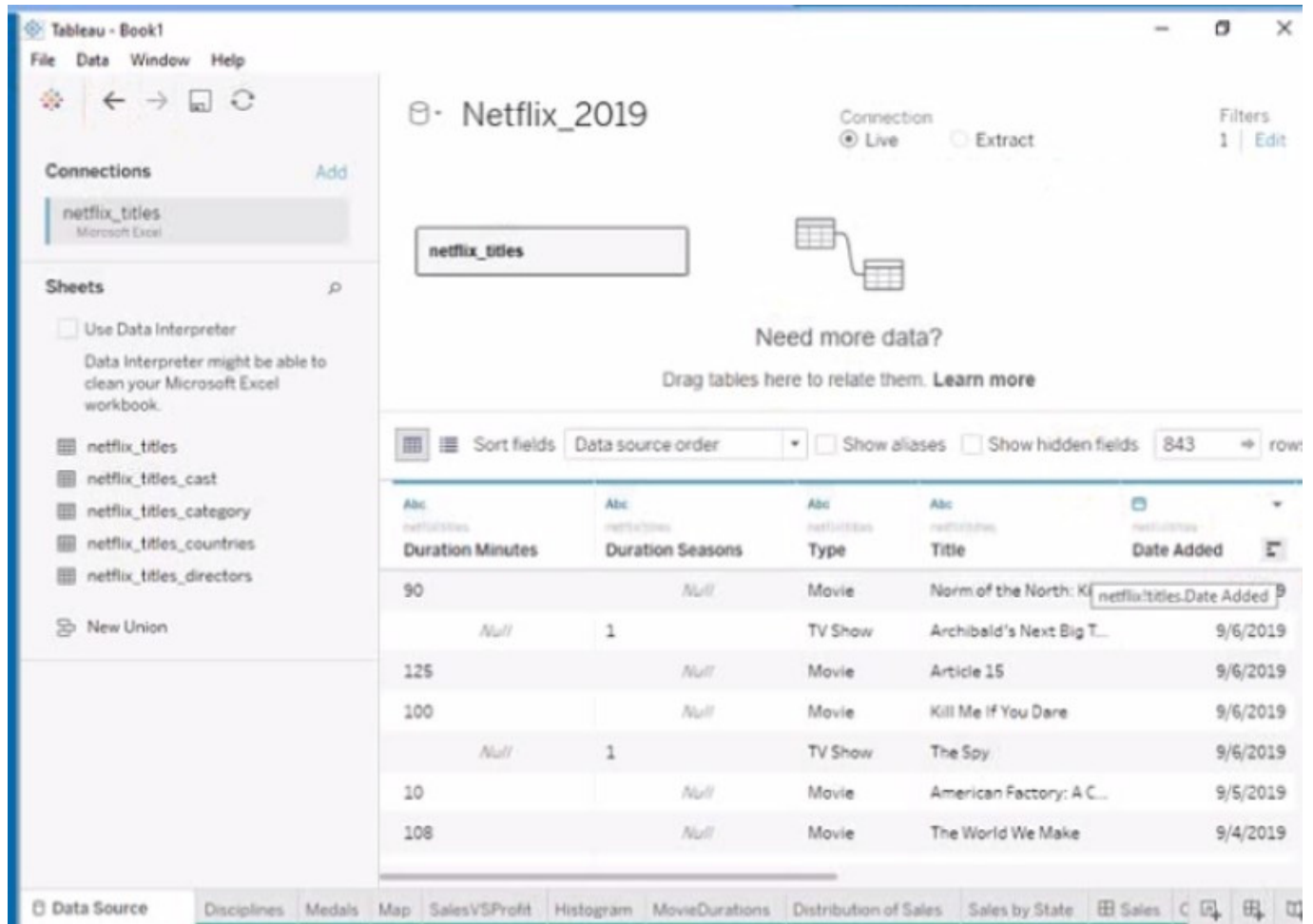C. Top N Products

D. Top N Customers

Correct Answer: AC

QUESTION 13

CORRECT TEXT

Open the link to Book1 found on the desktop. Open the Movie Durations worksheet.

Replace the existing data source with the Netflix_2019 data source.

A. Check the steps below in explanation.

Correct Answer: A

To replace the existing data source with the Netflix_2019 data source, you need to do the following steps:

Open the link to Book1 found on the desktop. This will open the Tableau workbook that contains the Movie Durations worksheet.

Click on the Movie Durations tab at the bottom of the workbook to open the worksheet. You will see a bar chart that shows the number of movies by duration for the existing data source.

Go to the Data Source tab at the bottom of the workbook to see the data source page. You will see a table that shows the fields and values from the existing data source.

Click on the drop-down arrow next to the data source name at the top of the page and select Replace Data Source from the menu. This will open a dialog box that allows you to replace your data source with another one.

Select Netflix_2019 from the list of available data sources and click OK. This will replace your existing data source with the Netflix_2019 data source and update your worksheet accordingly. You may need to fix any broken fields or

calculations that result from the replacement.

References: https://help.tableau.com/current/pro/desktop/en-us/datasource_replace.htm

https://help.tableau.com/current/pro/desktop/en-us/datasource_replace_workbook.htm

QUESTION 14

You have the following dataset.

Customer Name	Sales	Rank
Adrian Barton	10,000	3
Raymond Buch	12,000	2
Sean Miller	12,000	2
Tamara Chand	18,000	1

Yon need to calculate the ranking shown in the Rank field.

How should you complete the formula? (Use the dropdowns in the Answer Area to select the correct options to complete the formula ?

Hot Area:

```
RANK                    ([Customer Name])
RANK_DENSE              ([Sales])
RANK_MODIFIED          (SUM[Sales])
ROW_NUMBER
```

Correct Answer:

```
RANK                    ([Customer Name])
RANK_DENSE             ([Sales])
RANK_MODIFIED          (SUM[Sales])
ROW_NUMBER
```

QUESTION 15

You have a dashboard that contains confidential information about patients health. The data needs to always be up to date tor a team of healthcare workers. How should you share me dashboard with the healthcare workers?

A. Publish the dashboard to Tableau Public

B. Print the dashboard to PDF

C. Publish aw dashboard to Tableau Server

D. Export the dashboard as a .twbx

Correct Answer: B

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