TDA-C01^{Q&As}

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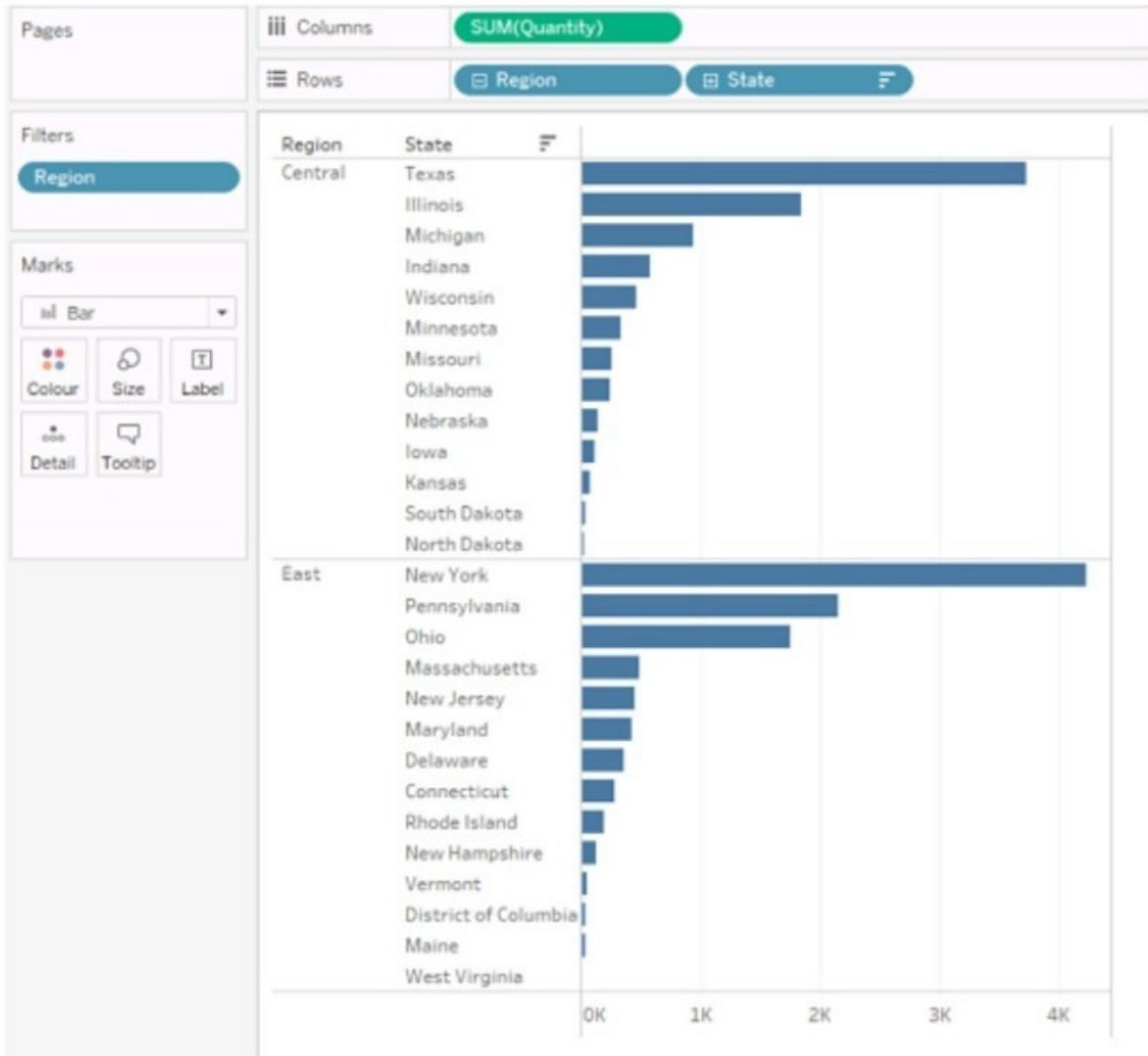
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QUESTION 1

You have the following chart that sorts states by the number of products each state has purchased.

Which formula should you use to include a number with the position of each state within each region?

A. FIRST ()

B. INDEX ()

C. WINDOW_SUM(SUM ([Quantity]))

D. LOOKUP (SUM ([Quantity]))

Correct Answer: D

The LOOKUP function is used to return the value of a specified field in a different row, which can be defined relative to

the current row. In this context, it can be used to include a number with the position of each state within each region by looking up the SUM([Quantity]) in each respective position. References: The information is inferred from general Tableau knowledge as well as the following sources: Tableau Functions (Alphabetical) LOOKUP Tableau Certified Data Analyst uide

QUESTION 2

HOTSPOT

You have a data source that contains the following columns.

Name	Data type
Order Date	Date
Order Number	String
Customer Name	String
Sales	Number (decimal)
Profit	Number (decimal)

You want to sort customers based on the most expensive orders.

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

Hot Area:

FIRST ▼	(	AVG ▼	([Sales]),	ASC ▼	)
FIRST		AVG		ASC	
RANK		MAX		DESC	
WINDOW_MAX		SUM		LAST	

Correct Answer:

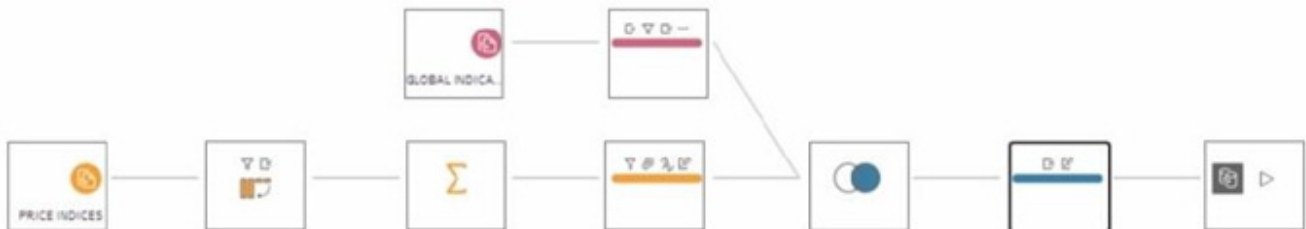| FIRST ▼	(	AVG ▼	([Sales]),	ASC ▼	)
FIRST		AVG		ASC	
RANK		MAX		DESC	
WINDOW_MAX		SUM		LAST	

QUESTION 3

HOTSPOT

You have a Tableau Prep flow that joins a dataset named Global Indicators to a dataset named Price Indices.

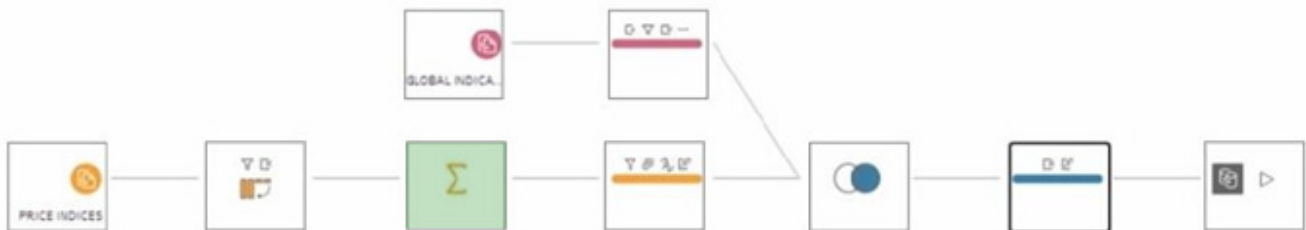In which step can you transform rows of monthly data into rows of yearly data\\'\\'

Hot Area:

Correct Answer:

QUESTION 4

You have the following dataset:

Date	Customer Name	Discount	Quantity
05/01/2020	Aaron Bergman	Yes	13
05/01/2020	Aaron Hawkins	Yes	54
05/01/2020	Aaron Smayling	No	48
05/01/2020	Adam Bellavance	No	56

You want to create a parameter to dynamically filter the data to produce the following results.

Date	Customer Name	Discount	Quantity
05/01/2020	Aaron Hawkins	Yes	54
05/01/2020	Adam Bellavance	No	56

Which two types of parameters can you use to produce the results? Choose two.

A. Float

B. Boolean

C. Date

D. Datetime

E. String

F. Integer

Correct Answer: EF

Explanation: In the context of filtering data in Tableau, both string and integer parameters can be used to dynamically filter data. A string parameter can be used to filter text-based values, while an integer parameter is suitable for numerical values. In the provided dataset and result URLs, it appears that a unique identifier or key (which could be a string or integer) is being used to filter specific data entries. References: The information is based on the following sources: An Introduction to Parameters in Tableau Create Parameters - Tableau

QUESTION 5

DRAG DROP

You have a data source that contains the following columns.

Name	Data type
Order Date	Date
Region	String
Sales	Number (decimal)

You want to filter regions based on the highest sales. Users must be able to specify the number of regions shown.

Which three actions should you perform in order? (Place the three correct options in order.

Use the arrows to move Options to Answer Area.

Use Answer Area arrows to re-order the options.)

Select and Place:

Options

Drag **Sales** to the Filters shelf.
Drag **Order Date** to the Filters shelf.
Configure a Top filter by field. Use Param1 and filter by the sum of Sales.
Select **Range of Values**, and then click **OK**.
Create an integer data type parameter named Param1.
Drag **Region** to the Filters shelf.
Configure a Top filter by formula by using Param1.

Answer Area

Correct Answer:

Options

Drag **Sales** to the Filters shelf.
Drag **Order Date** to the Filters shelf.
Select **Range of Values**, and then click **OK**.
Configure a Top filter by formula by using Param1.

Answer Area

Create an integer data type parameter named Param1.
Drag **Region** to the Filters shelf.
Configure a Top filter by field. Use Param1 and filter by the sum of Sales.

Explanation: To filter regions based on the highest sales and allow users to specify the number of regions shown, you should perform these actions in order:

Answer area:

Create an integer data type parameter named Param1.

Drag Region to the Filters shelf.

Configure a Top filter by field. Use Param1 and filter by the sum of Sales. To create a dynamic filter that lets users choose the number of regions to display, you need to use a parameter and a top filter. A parameter is a user-defined variable

that can be used in calculations, filters, and reference lines. A top filter is a type of filter that shows only the top or bottom N values based on a specified field or expression. In this question, you want to filter regions based on the highest sales.

You also want users to be able to specify the number of regions shown. To achieve this, you need to follow these steps:

First, you need to create an integer data type parameter named Param1. This parameter will allow users to enter a number that will determine how many regions to show. You can create a parameter by right-clicking on the Data pane and

selecting Create Parameter. Then, you need to specify the name, data type, current value, and allowable values for the parameter. In this case, you can choose Integer as the data type, 10 as the current value, and All as the allowable values.

You also need to show the parameter control by right-clicking on the parameter and selecting Show Parameter Control. This will display a slider or a text box where users can enter or adjust the parameter value. Next, you need to drag Region

to the Filters shelf. This will open the Filter dialog box, where you can choose how to filter the Region field. You can filter by general, wildcard, condition, or top. In this case, you want to filter by top, so you need to select the Top tab.

Finally, you need to configure a top filter by field. Use Param1 and filter by the sum of Sales. This will filter the Region field by showing only the top N regions based on the sum of Sales, where N is the value of the parameter Param1. You can

configure a top filter by field by selecting By field in the Top tab, then choosing the parameter Param1 from the drop-down list, and selecting the aggregation function Sum and the field Sales from the other drop-down lists. This will create a

filter expression that looks like this: Top Param1 by SUM(Sales). By following these steps, you will create a filter that shows only the regions with the highest sales, and allows users to change the number of regions shown by adjusting the

parameter value.

References:

Tableau Certified Data Analyst Exam Prep Guide, page 10, section "Filtering Data" Tableau Help: Parameters

Tableau Help: Top Filters

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