



TDA-C01^{Q&As}

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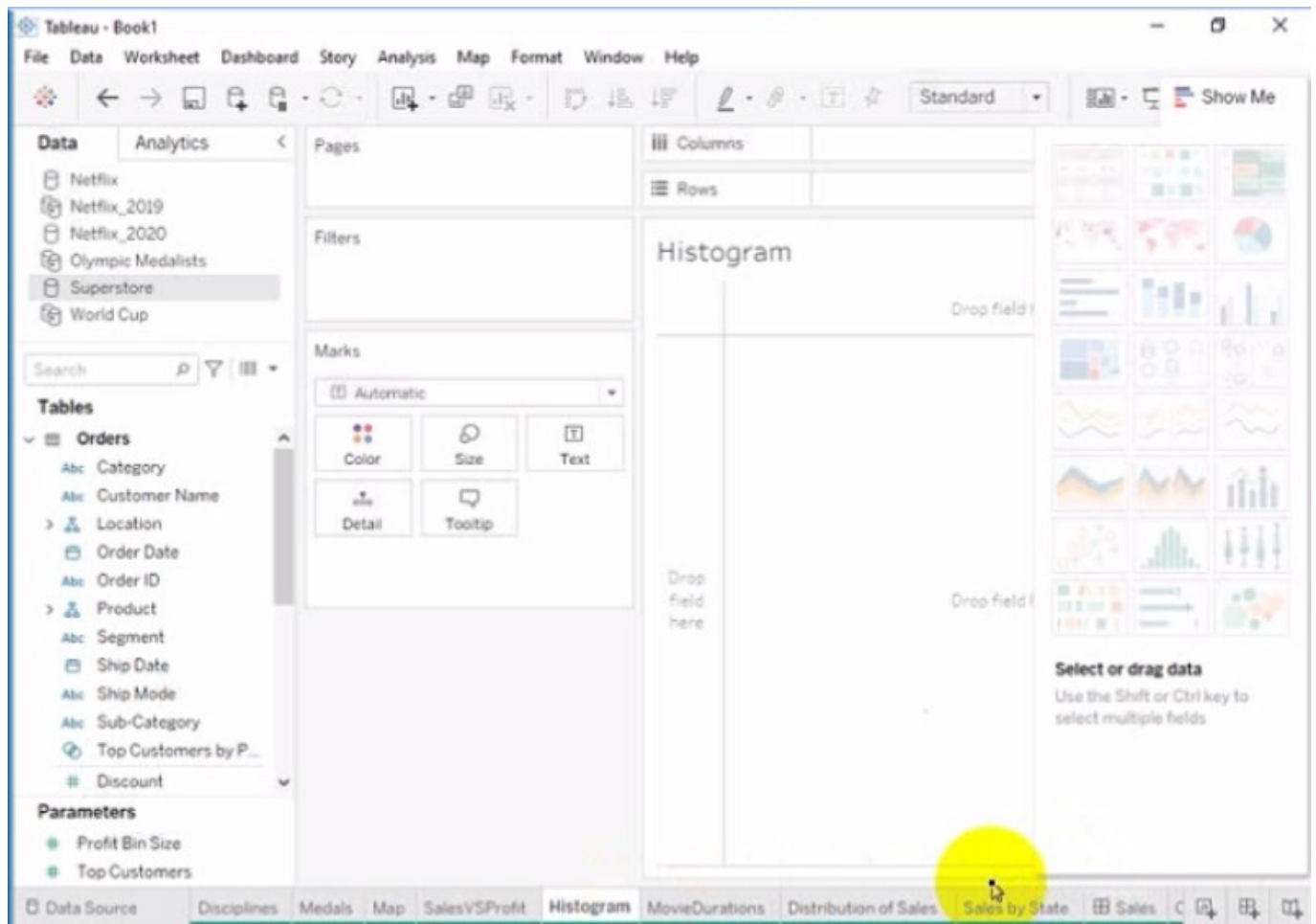


QUESTION 1

CORRECT TEXT

Open the link to Book1 found on the desktop. Open the Histogram worksheet and use the Superstore data source.

Create a histogram on the Quantity field by using bin size of 3.



A. Check the steps below in explanation.

Correct Answer: A

To create a histogram on the Quantity field by using bin size of 3, you need to do the following steps:

Open the link to Book1 found on the desktop. This will open the Tableau workbook that uses the Superstore data source.

Click on the Histogram tab at the bottom of the workbook to open the Histogram worksheet. You will see a blank worksheet with no marks.

Right-click on Quantity in the Measures pane and select Create Bins from the menu. This will open a dialog box that allows you to create bins for the Quantity field. Bins are groups of values that are treated as one unit in a histogram.

Enter 3 in the Size of bins text box. This will set the bin size to 3, which means that each bin will contain values that are



3 units apart. For example, one bin will contain values from 0 to 2, another bin will contain values from 3 to 5, and so on.

Click OK to create the bins. You will see a new field named Quantity (bin) in the Measures pane with a # sign next to it.

Drag Quantity (bin) from the Measures pane to Columns on the worksheet. This will create a histogram that shows the distribution of Quantity by bins. You will see bars that represent the frequency or count of values in each bin.

Optionally, you can adjust the width, color, and labels of the bars by using the options on the Marks card. You can also add filters, tooltips, or annotations to enhance your histogram.

References: <https://help.tableau.com/current/pro/desktop/en-us/histograms.htm>

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

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

QUESTION 2

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 the 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 size 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 3

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 4

You have a dataset that contains sales data. The following is a sample of the data.

Month Year	Sales
February 2020	\$20,301
April 2020	\$36,522
January 2020	\$43,971
May 2020	\$44,261
July 2020	\$45,264
June 2020	\$52,982
March 2020	\$58,872
August 2020	\$63,121
October 2020	\$77,777
December 2020	\$83,829
September 2020	\$87,867
November 2020	\$118,448

You need to return a value of true if a month has sales greater than \$50,000. otherwise the formula must return a value of false. Which two formulas achieve the goal Choose two

- A. `SUM([Sales]) IN (50000)`
- B. `IIF(SUM50000, TRUE, FALSE)`
- C. `MAX`
- D. `[Sales] > 50000`

Correct Answer: BD

QUESTION 5

You have the following dataset.

Student ID	Subject	Score
1324	English	65
4070	Science	71
685	Social Studies	74
788	Computer Science	74
707	Science	51
741	Computer Science	74



You want to create a new calculated dimension field named Category that meets the following conditions:

When Subject is Computer Science or Science, Category must be Sciences. When Subject is English or Social Studies, Category must be Humanities.

Which two logical functions achieve the goal? Choose two.

A. IF [Subject]- `Science` THEN `Sciences` ELSEIF [Subject]=`English` THEN `Humanities` ELSEIF [Subject]-`Social Studies` THEN `Humanities` ELSEIF [Subject]= `Computer Science` THEN `Sciences` END

B. IIF((CONTAINS ([Subject], `Science`) = TRUE) , `Humanities`, `Sciences`)

C. IF ENDSWITH ([Subject], `Computer Science`) THEN `Sciences` ELSE `Humanities` END

D. CASE [Subject] WHEN `Computer Science` THEN `Sciences` WHEN `Science` THEN `Sciences` WHEN `English` THEN `Humanities` WHEN `Social Studies` THEN `Humanities` End

Correct Answer: AD

Explanation: To create a new calculated dimension field named Category that meets the given conditions, you can use either the IF or the CASE logical function. Both functions allow you to evaluate an expression and return a value based on different scenarios. Option A uses the IF function with multiple ELSEIF clauses to check the value of the Subject field and assign it to either `Sciences` or `Humanities`. Option D uses the CASE function with multiple WHEN clauses to do the same thing. Both options will produce the same result, but the CASE function is more concise and easier to read. Option B is incorrect because it will assign `Humanities` to any subject that contains `Science` in its name, which is not the desired outcome. Option C is incorrect because it will only check if the subject ends with `Computer Science` and ignore the other subjects. References: Logical Functions - Tableau Tableau Certified Data Analyst Study Guide

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