

SPECIALIST EXAM PRACTICE QUESTIONS

Contents

Questions	1
Connecting to and Preparing Data.....	1
Exploring & Analyzing Data	2
Sharing Insights	3
Sharing Insights #2	6
Solutions	7
Connecting to and Preparing Data.....	7
Exploring & Analyzing Data	8
Sharing Insights	10

Questions

Connecting to and Preparing Data

1) Which of the following is true of a live connection?

- ☐ If the source data changes, the Tableau view will not change
- ☐ Tableau will load more quickly than it would with an extract
- ☐ If your data source is a database, you will need to enter credentials to access the data.
- ☐ The Tableau workbook will still load, even if you are not able to connect to the data source.

2) Which of the following can be used to combine the rows from one table with the rows from a second table?

- ☐ Left Join
- ☐ Right Join
- ☐ Blend
- ☐ Union

3) Which of the following join will always include all rows from both tables?

- ☐ Inner
- ☐ Left
- ☐ Right
- ☐ Full Outer

4) A blend is most similar to which type of join?

- ☐ Inner Join
- ☐ Full Outer Join
- ☐ Left Join
- ☐ Right Join

Exploring & Analyzing Data

Which of the following is true of a live connection?

- ☐ If the source data changes, the Tableau view will not change
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- ☐ If your data source is a database, you will need to enter credentials to access the data.
- ☐ The Tableau workbook will still load, even if you are not able to connect to the data source.

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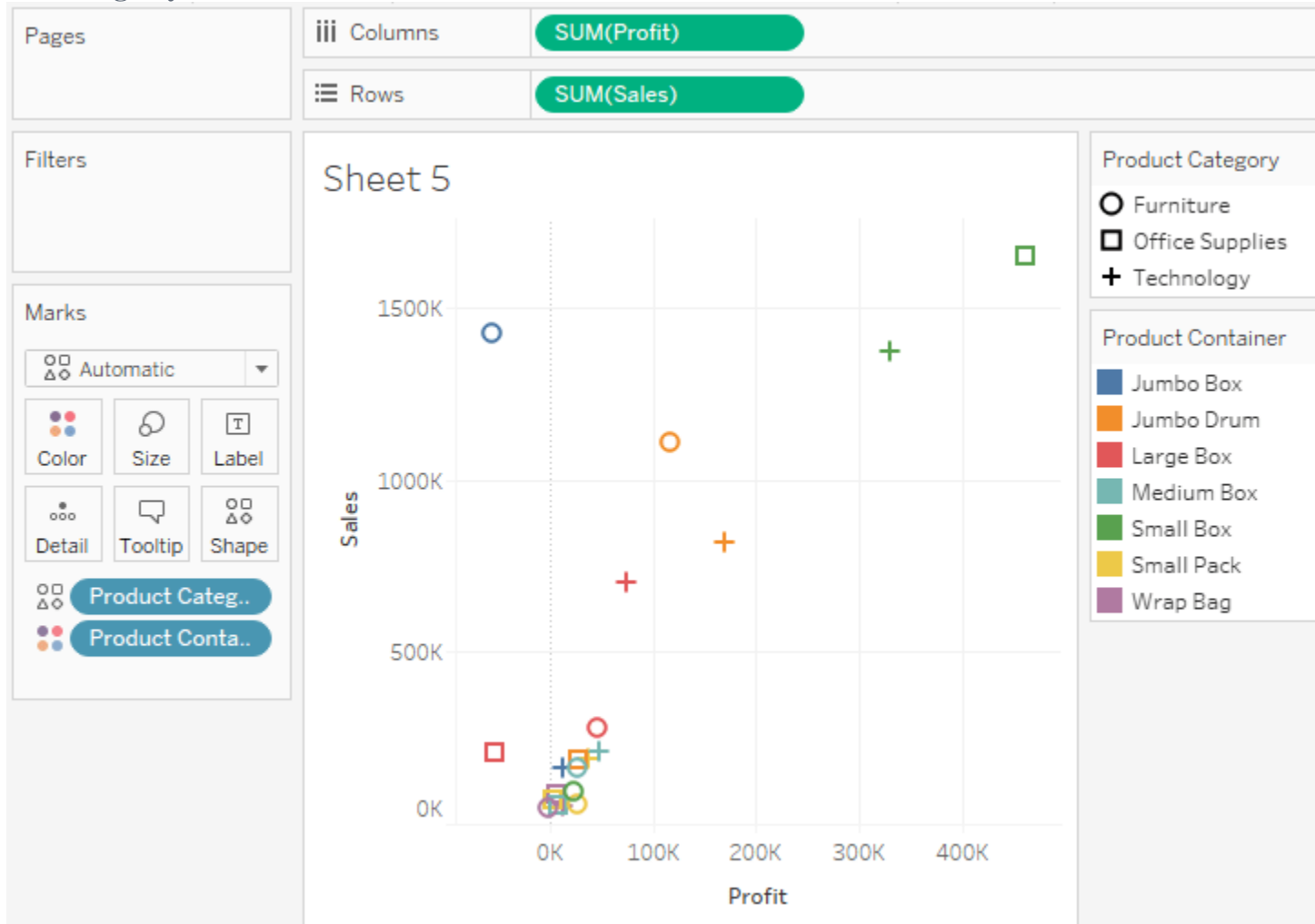
- ☐ Inner Join
- ☐ Full Outer Join
- ☐ Left Join
- ☐ Right Join

Sharing Insights

A color gradient is used for which of the following

- ☐ Discrete measure
- ☐ Continuous measure
- ☐ Both continuous and discrete
- ☐ None of the above.

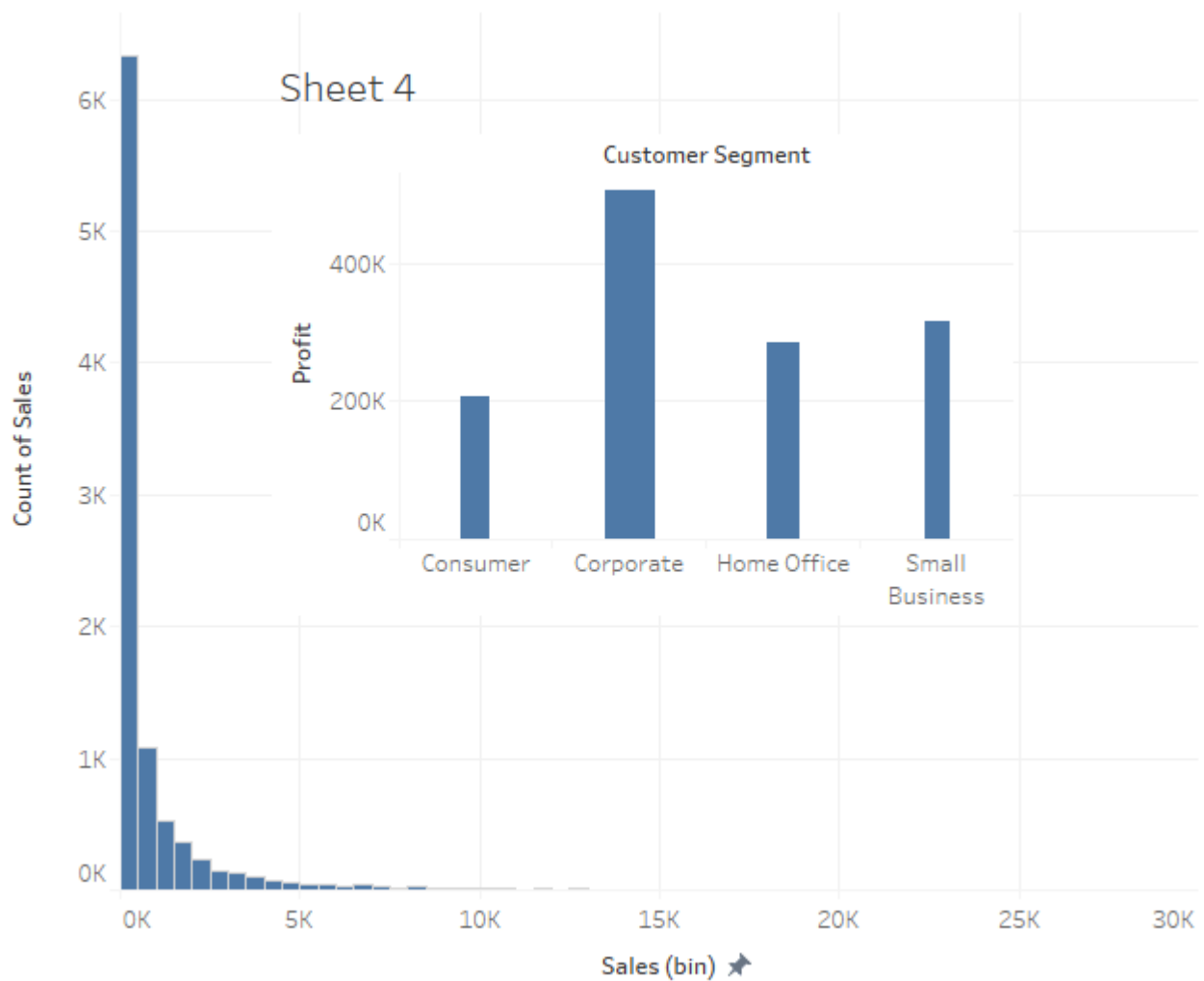
What steps would you take to change the following view so that Furniture is represented by the triangle symbol?



- ☐ Right-click on product category, select default properties, and select shape. Then select furniture and the triangle icon and click okay.
- ☐ Right click on a circle and select "change shape" from the popup menu. Select triangle and click okay.
- ☐ Click on shapes in the marks area. Then select furniture and the triangle icon and click okay.

What layout type is used on this dashboard?

Sheet 1



- ☐ Tiled
- ☐ Floating
- ☐ None of the Above

A dashboard action can be triggered by which of the following?

- ☐ Select
- ☐ Hover
- ☐ Menu

- ☐ All of the above

Which of the following can include multiple version of the same worksheet?

- ☐ Dashboard and stories
- ☐ Stories but not dashboards
- ☐ Dashboards but not stories
- ☐ Neither dashboards nor stories can include multiple version of the same worksheet.

Sharing Insights #2

How can separate color legends be displayed for multiple measure in a viz?

- ☐ Add each measure names to color marks and use format legend option to show separate legends.
- ☐ Add measure value to color in marks and select combine legends.
- ☐ Add measure values to color legend and select use separate legends option
- ☐ Cannot have different color legend for diff measures

From Dashboard3 of the [CO2 dashboard](#) , what is Canada's Avg Co2 Per capita from 2000 to 2011?

- ☐ 15.74
- ☐ 16.43
- ☐ 16.38
- ☐ 16.35

The [Crimes in India dashboard](#) contains a text object. Which is the only field from the dashboard that can be inserted on to this text box to make it dynamic?

- ☐ Rank
- ☐ Crime Type Parameter

- ☐ Total crimes
- ☐ State and district

Which are all true about dashboard Web page objects? [select all that apply]

- ☐ If a dashboard contains a Web page object, an URL action will open the web page on the dashboard only.
- ☐ To interactively display information from the web inside a dashboard, you can use a URL action with a web page object.
- ☐ A dashboard can have multiple Web page objects.
- ☐ Web page objects can be added only to Dashboard or Story but not to a Worksheet.

Solutions

Connecting to and Preparing Data

Question: Which of the following is true of a live connection?

Answer: If your data source is a database, you will need to enter credentials to access the data.

Question: Which of the following can be used to combine the rows from one table with the rows from a second table?

Answer: Union

Question: Which of the following join will always include all rows from both tables?

Answer: Full Outer

Question: A blend is most similar to which type of join?

Answer: Left Join

Exploring & Analyzing Data

Question: Which of the following chart types requires a date field?

Answer: Line chart

Question: If you add cities to a worksheet and find that you have a map with many unknown locations, which of the following steps may help resolve the problem?

Answer: Add state to the worksheet

Question: Your view has the dimensions "Product Category," "Product Sub-category" and "Product Name." Which of the following would combine these dimensions to enable drill down?

Answer: Hierarchy

Question: Which of the following occur earlier in the order of operations than context filters?

Answer: Data source filters

Question: Which describes a descending sort?

Answer: Ordered from greatest to least

Question: You have a scatter plot showing the quantity sold and the profit by product name. Which of the following would help determine the relationship between quantity sold and profit?

Answer: Trend Line

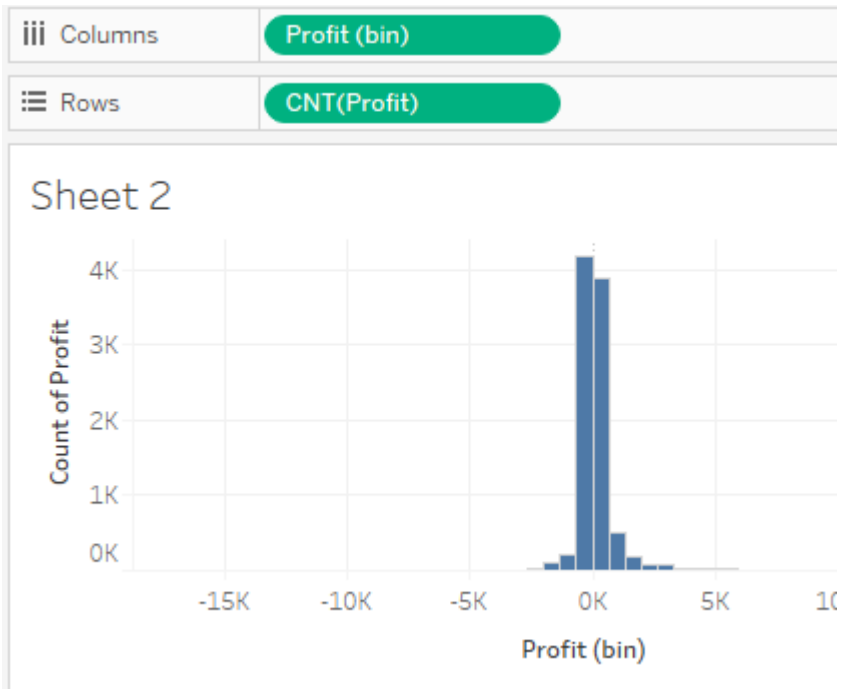
Question: Which of the following is a table calculation?

Answer: % of Total Sales along Table (Across)

Question: How can you identify the top ten customers with the highest sales where the customers are in the corporate segment?

Answer: Use a set to identify the top 10 customers with the highest sales, and create a context filter on corporate segment.

Question: Which term best describes this chart?



Answer: Histogram

Question: What value will this calculation return when order date is November 14th, 2017 and the ship date is January 1st, 2018?

The screenshot shows a 'Sample Calc' dialog box with a text area containing the formula `DateDiff('month', [Order Date], [Ship Date])`. A dropdown menu is open on the right, showing a list of functions including DATEDIFF, DATENAME, DATEPARSE, DATEPART, DATETIME, DATETRUNC, DAY, DEGREES, DIV, ELSE, and ELSEIF. The 'DATEDIFF' function is highlighted. Below the text area, it says 'The calculation is valid.' and there are 'Apply' and 'OK' buttons.

Answer: 2

Question: Which term best describes [Year] in the calculation show below?

The screenshot shows a 'Year Selector' dialog box with a text area containing the formula `year([Order Date])=[Year]`. A dropdown menu is open on the right, showing a list of functions including ABS, ACOS, AND, ASCII, ASIN, ATAN, ATAN2, ATTR, AVG, CASE, and CEILING. The 'Year' parameter is highlighted. Below the text area, it says 'The calculation is valid.' and there are 'Apply' and 'OK' buttons.

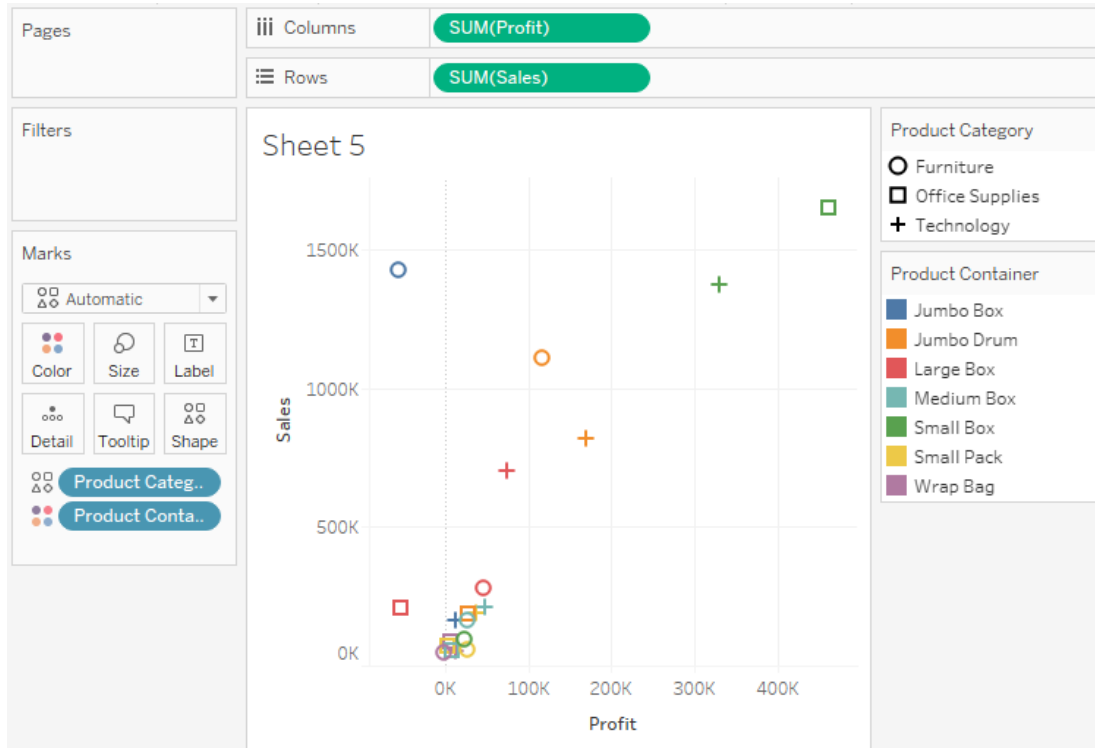
Answer: Parameter

Sharing Insights

Question: A color gradient is used for which of the following

Answer: Continuous measure

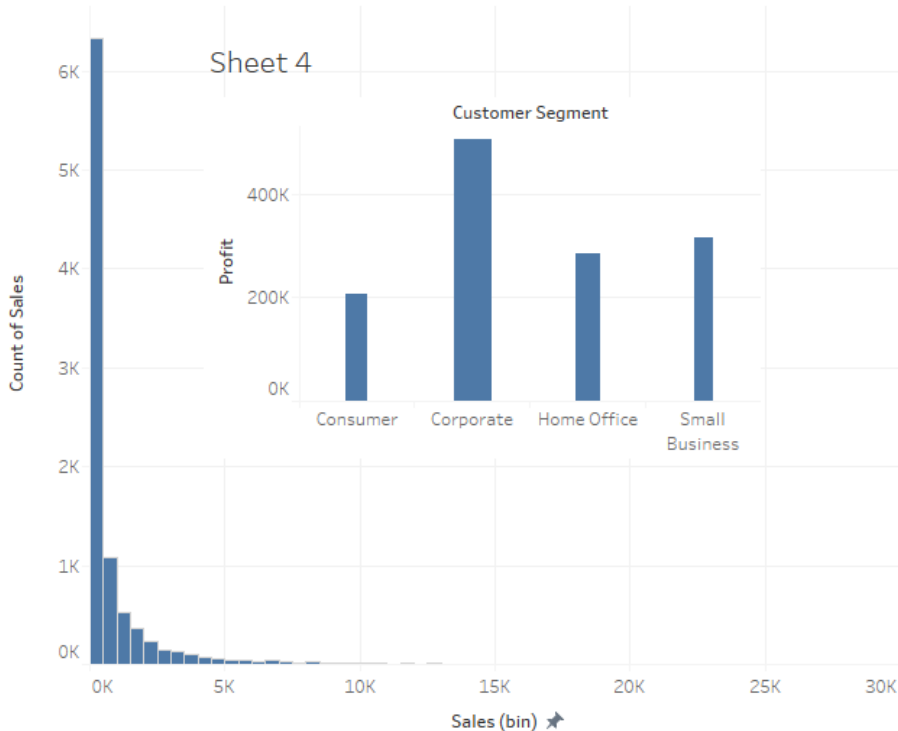
Question: What steps would you take to change the following view so that Furniture is represented by the triangle symbol?



Answer: Click on shapes in the marks area. Then select furniture and the triangle icon and click okay.

Question: What layout type is used on this dashboard?

Sheet 1



Answer: Floating

Question: A dashboard action can be triggered by which of the following?

Answer: All of the above

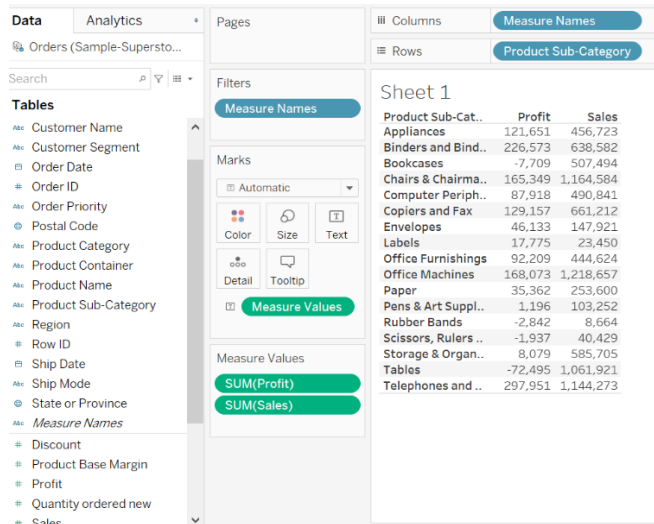
Question: Which of the following can include multiple version of the same worksheet?

Answer: Stories but not dashboards

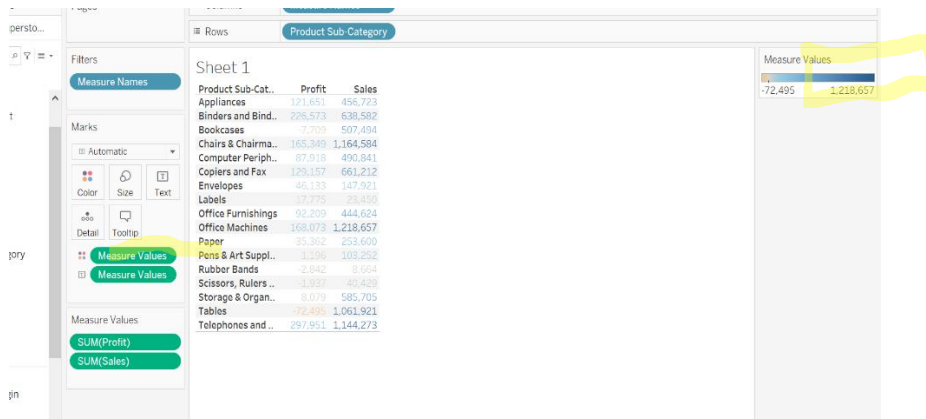
Sharing Insights #2

1. How can separate color legends be displayed for multiple measure in a viz?
 - a. Add each measure names to color marks and use format legend option to show separate legends.
 - b. Add measure value to color in marks and select combine legends.
 - c. Add measure values to color legend and select use separate legends option
 - d. Cannot have different color legend for diff measures

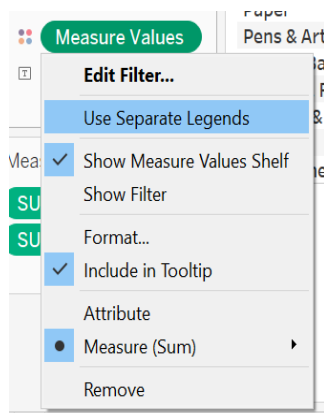
From Orders table of Sample Superstore excel add “Product Sub-category” to Rows and double click on “Sum(profit)” and “Sum(Sales)”.



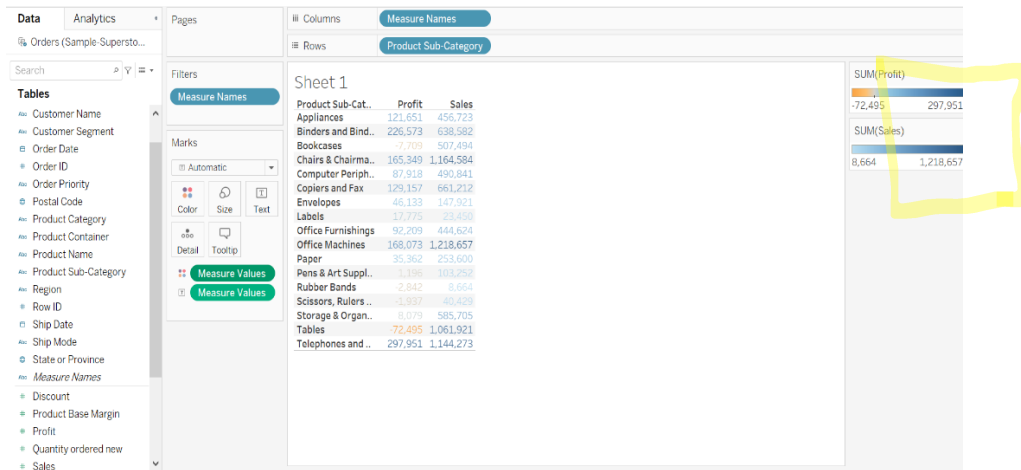
Hold the control key and add the “Measure Values” to “Color” card. A single-color legend is displayed for both measures.



Right click the “Measure Values” of color card and choose “Use Separate legends”

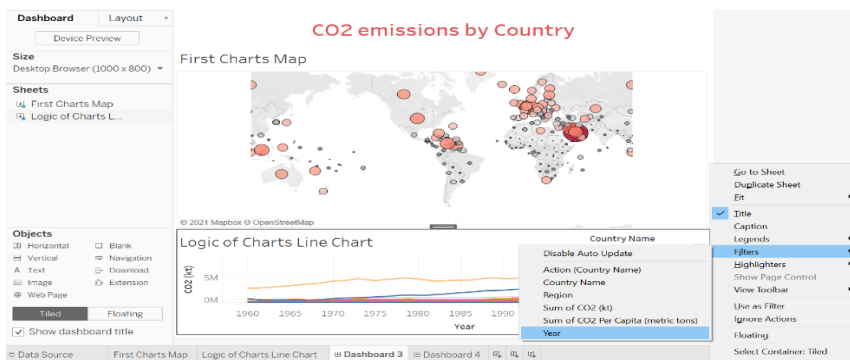


Now the viz shows 2 separate legends for both measures which can independently be customized.

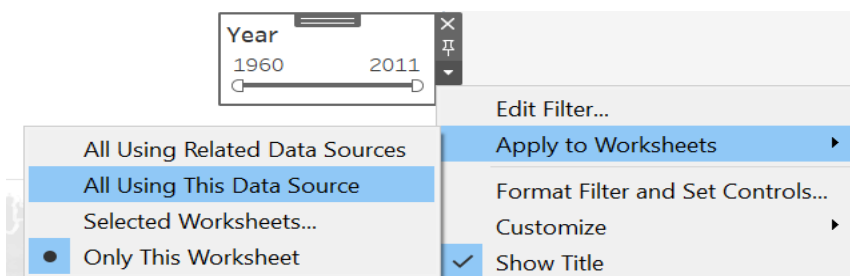


2. From Dashboard3 of the [CO2 dashboard](#) , what is Canada's Avg Co2 Per capita from 2000 to 2011?
 - a. 15.74
 - b. 16.43**
 - c. 16.38
 - d. 16.35

Select the “Logic of charts line chart” and click the more options arrow to select filter and choose “Year”.

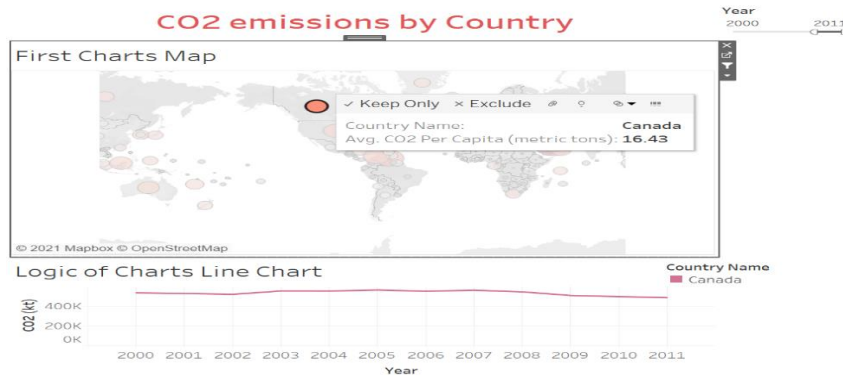


This will add the Year filter to the dashboard. To make this filter applicable for all the related worksheets, click the arrow next to the year filter – Apply to Worksheets – All using this data source.



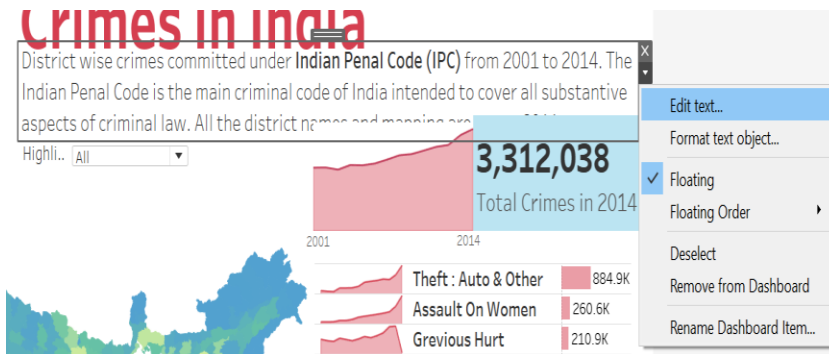
This will ensure that any filtering on this filter will apply to all worksheets in the dashboard. Drag the slider in the year filter to set the starting year as 2000.

Click on Canada in “First Charts map”(or select Canada from list of countries filter below) to see Avg Co2 Per Capita for the filtered years.

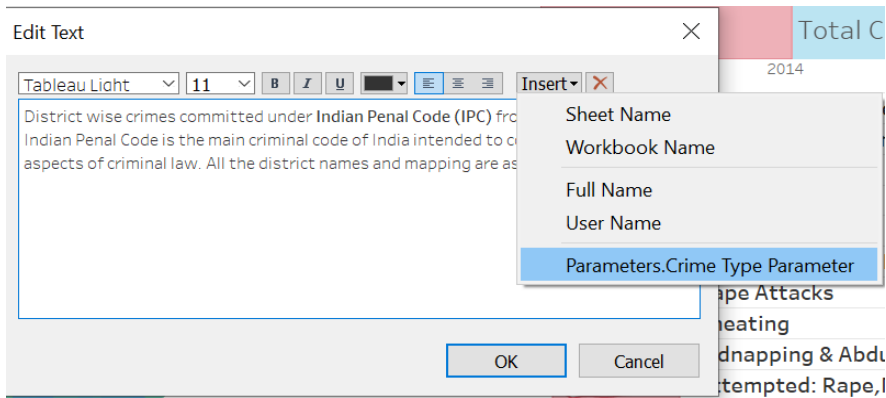


3. The [Crimes in India dashboard](#) contains a text object. Which is the only field from the dashboard that can be inserted on to this text box to make it dynamic?
- Rank
 - Crime Type Parameter
 - Total crimes
 - State and district

Select the text box & click the arrow to see more options. Select Edit text.



In the Edit text window, click “Insert” to see the list of fields or elements that can be inserted in the text box. The only field from the dashboard that is listed in this is the “Crime Type Parameter”.



Only Parameters can be inserted to a dashboard text object.

Documentation here: [Improving Your Dynamic or Repeated Text in Tableau | InterWorks](#)

4. Which are all true about dashboard Web page objects?

- a. If a dashboard contains a Web page object, an URL action will open the web page on the dashboard only.
- b. To interactively display information from the web inside a dashboard, you can use a URL action with a web page object.
- c. A dashboard can have multiple Web page objects.
- d. a. Web page objects can be added only to Dashboard or Story but not to a Worksheet.

Documentation here : https://help.tableau.com/current/pro/desktop/en-us/dashboards_create.htm#add-dashboard-objects-and-set-their-options

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