

DA Assignment 3

- Define at least two sets based on specific criteria from your dataset

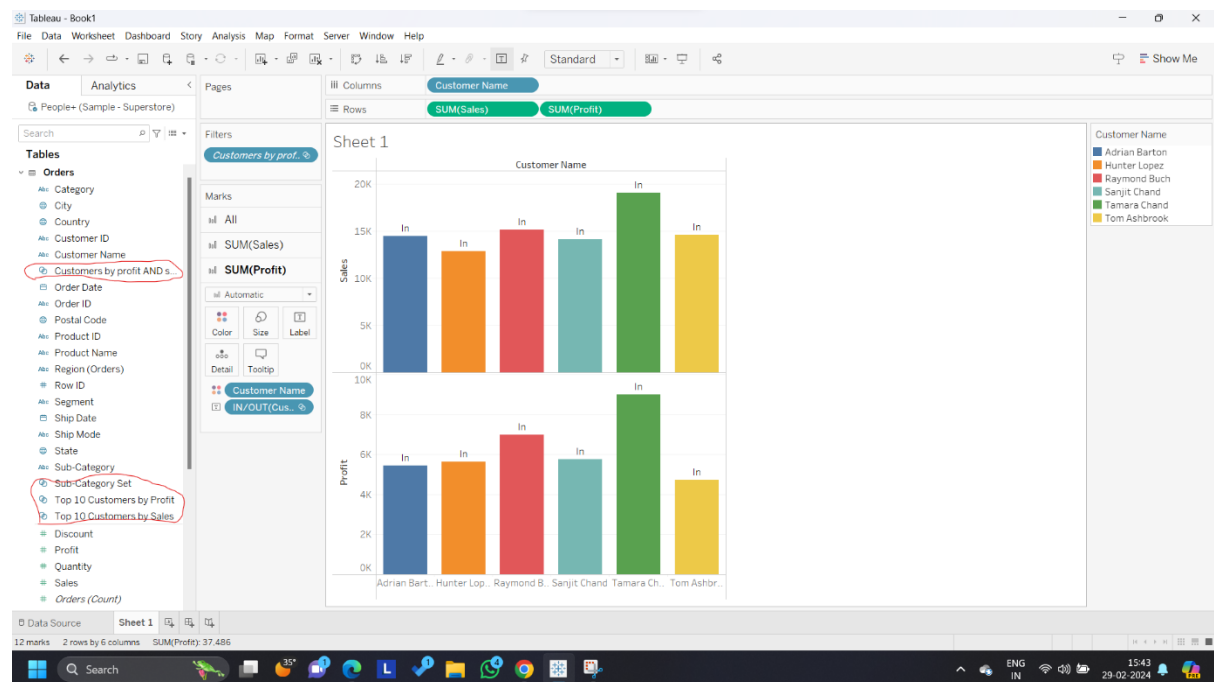
Steps to create set:

In Tableau, go to the "Data" pane and locate the field containing customer spending data.

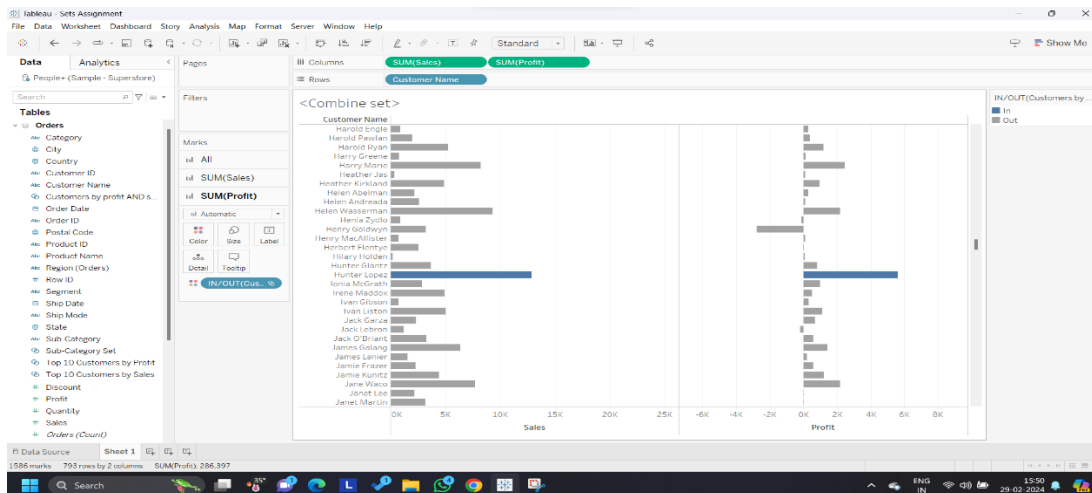
Right-click on the field and select "Create Set."

In the "Create Set" dialog, specify the condition where spending is greater than \$1000.

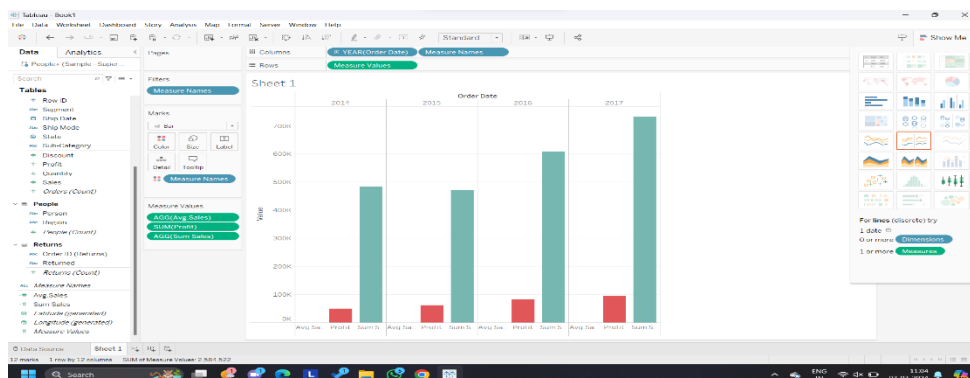
Name the set as "High-Spending Customers Set" and click OK.



In Tableau, combining sets directly (without set actions) can be done using set operations such as Union, Intersection, and Exclude. However, Tableau does not provide a direct way to combine sets using these set operations in the same way you would with other data fields. Instead, sets are combined visually within a worksheet or dashboard.



- Create 2 Calculation field using any aggregate function



In Tableau, you can easily aggregate data using functions like SUM() and AVG(). Here's how you can aggregate sales data for both the sum and average:

Sum of Sales:

Drag the "Sales" field from your data pane to the "Rows" or "Columns" shelf, depending on whether you want to display the sum of sales horizontally or vertically.

Tableau automatically aggregates the sales data using the SUM() function by default. You'll see the total sum of sales in the view.

Average of Sales:

Similarly, to display the average of sales, you can drag the "Sales" field to the "Rows" or "Columns" shelf again, or you can create a new calculation.

To create a new calculation:

Right-click on the "Sales" field in the data pane and select "Create" > "Calculated Field."

In the calculated field dialog, name your calculation (e.g., "Average Sales").

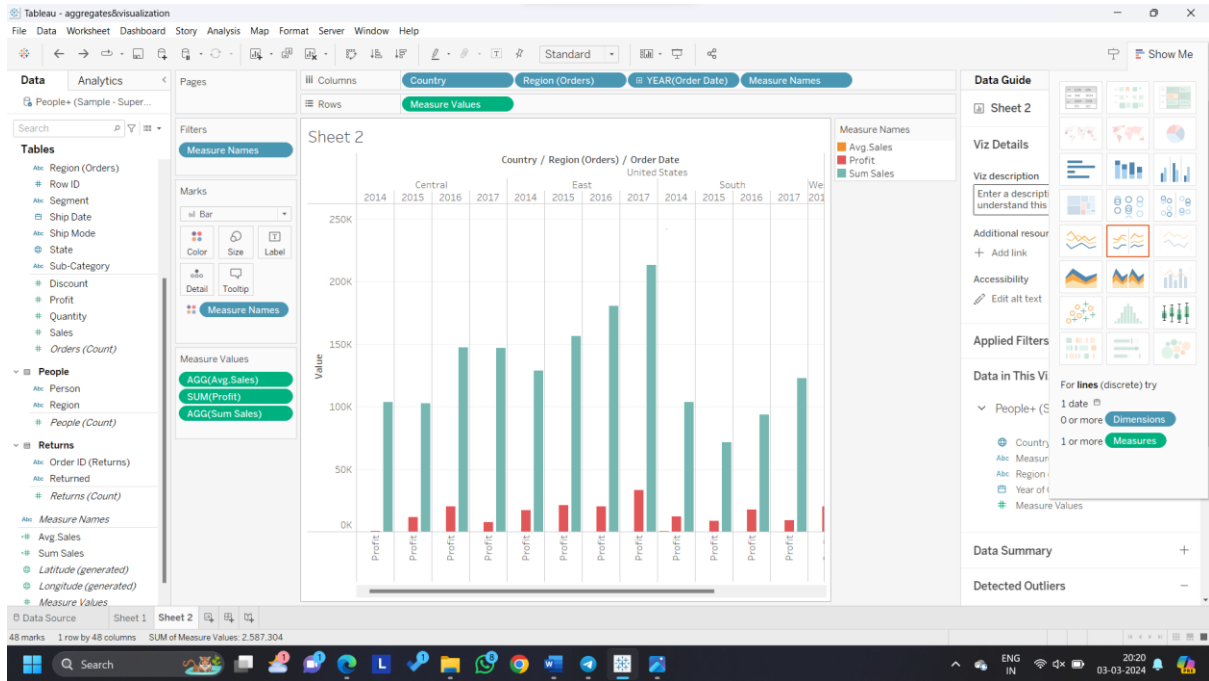
Enter the formula: AVG([Sales]).

Click "OK" to create the calculation.

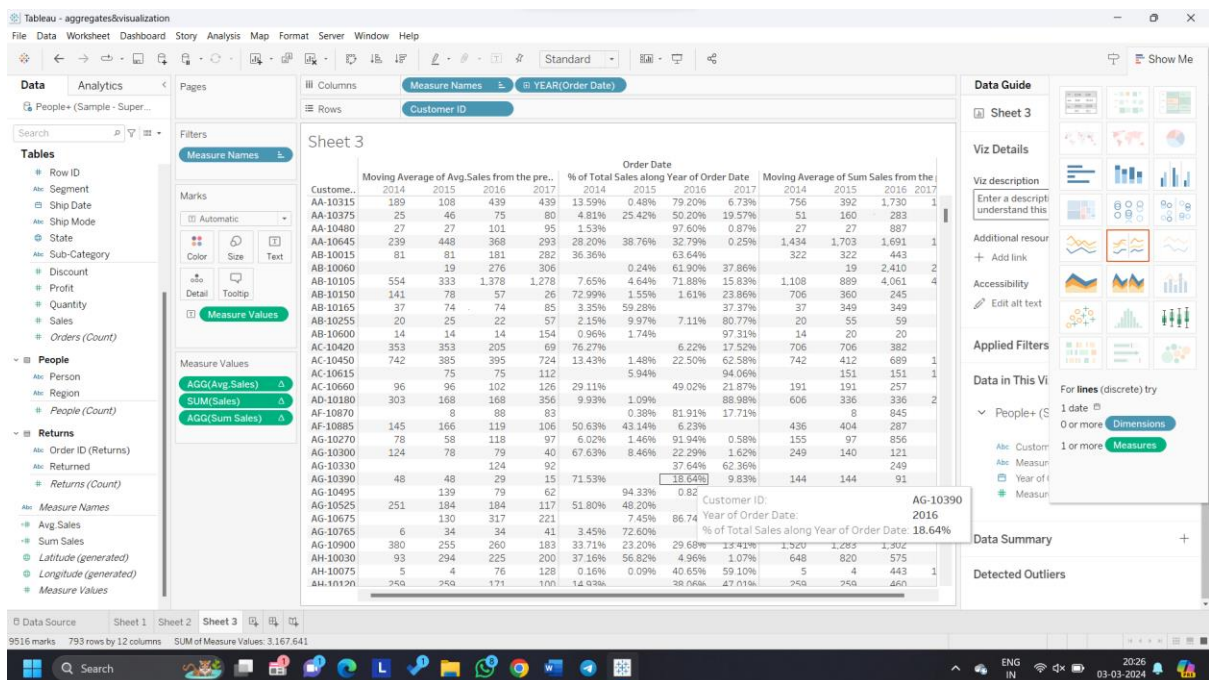
Now, you can drag this calculated field to the "Rows" or "Columns" shelf to display the average of sales.

- Create any 3 visualization using quick Table Calculations

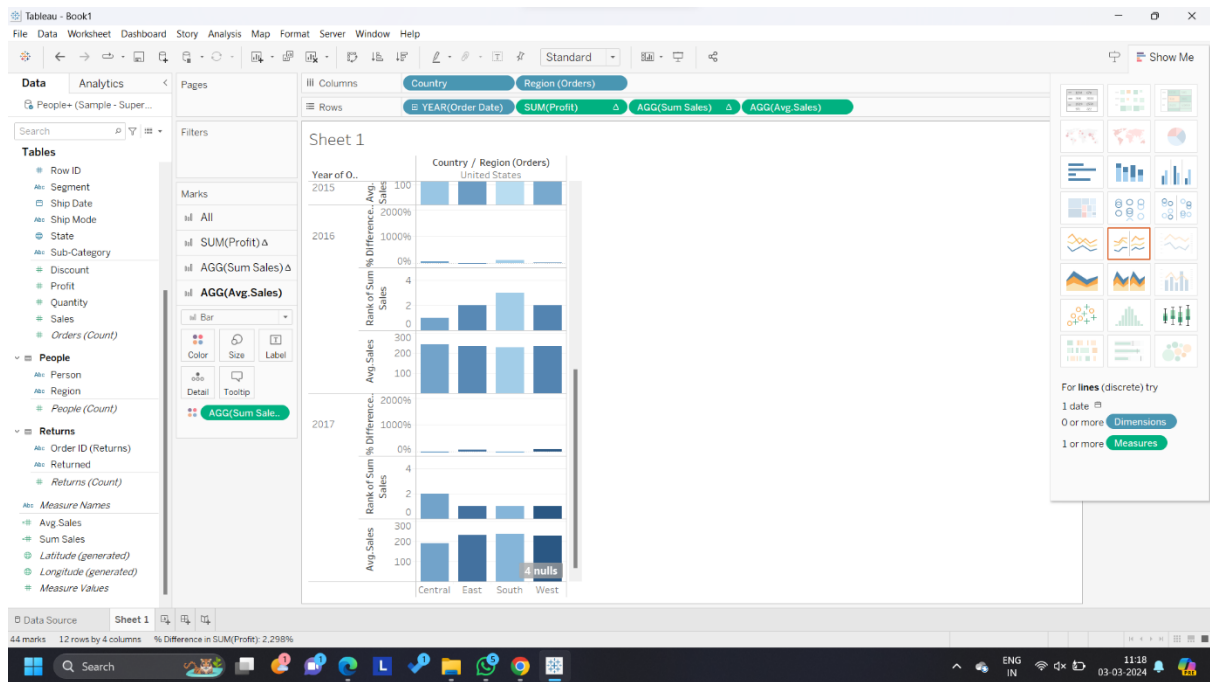
You can create a simple bar chart visualization in Tableau and customize it to effectively communicate insights from your data. As you become more familiar with Tableau, you can explore more advanced visualization techniques and features to create more complex and interactive visualizations.



VISUALIZATION-1



VISUALIZATION-2



VISUALIZATION-3

TABLEAU WORK BOOK FILE



Sets Assignment.twb aggregates&visualiza
tion.twb

DATASET USED



Sample -
Superstore.xls