

DA Assignment 3

Objective:

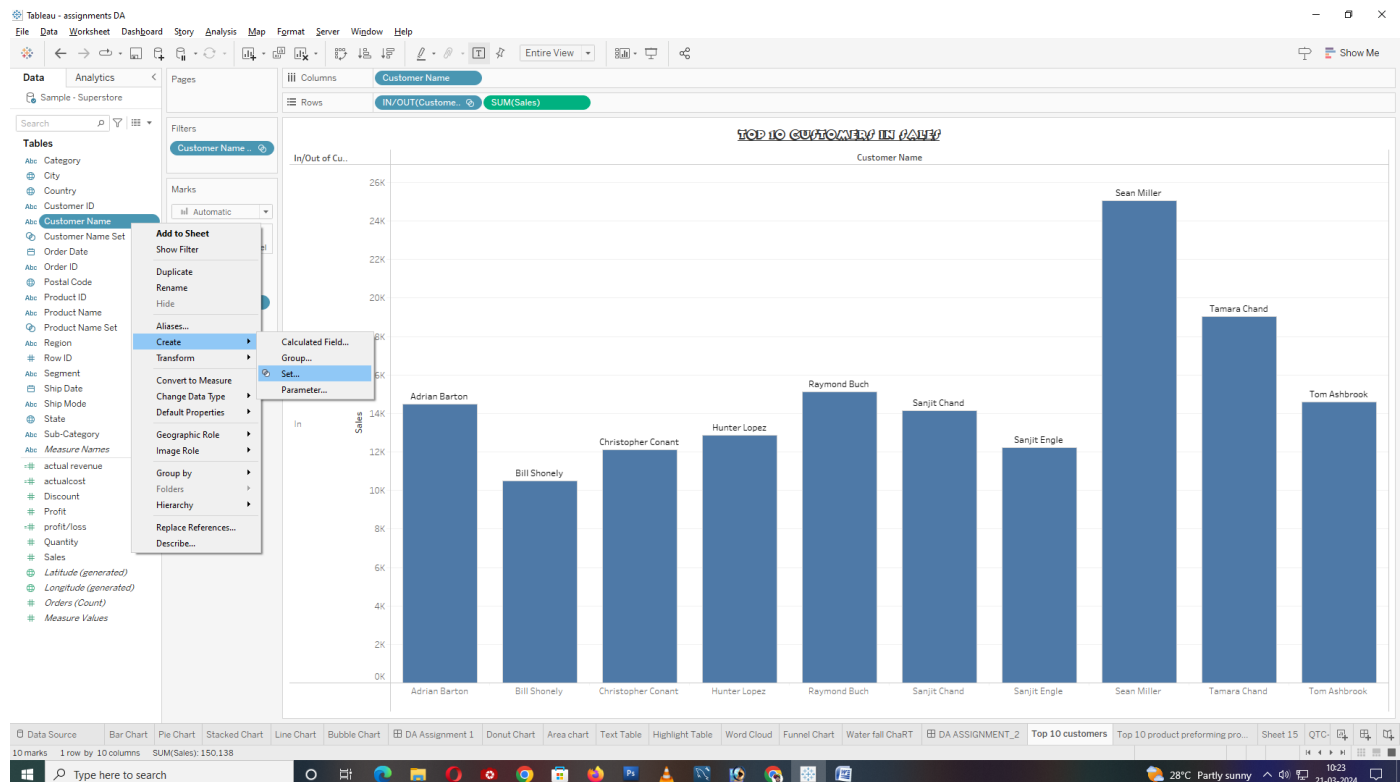
The objective of this assignment is to familiarize students with advanced data manipulation techniques using sets in Tableau.

- Define at least two sets based on specific criteria from your dataset (e.g., high-value customers, top-performing products).
- Experiment with combining sets using UNION, INTERSECT, and MINUS operations.
- Create 2 Calculation field using any aggregate function
- Create any 3 visualization using quick Table Calculations

Dataset: Kindly Use Superstore Dataset

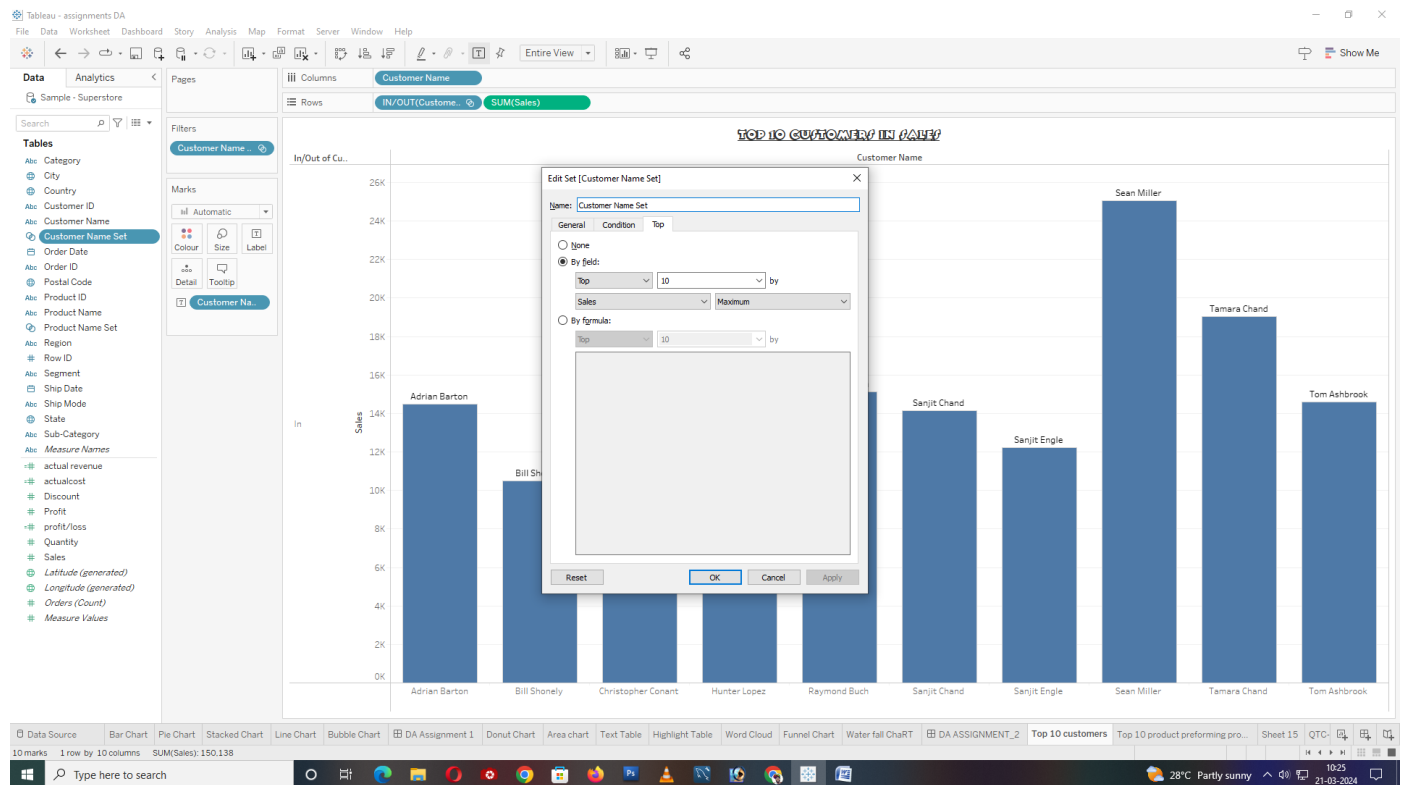
Creating the sets:

By right clicking on any dimension we get the some menu on that select create and then set.

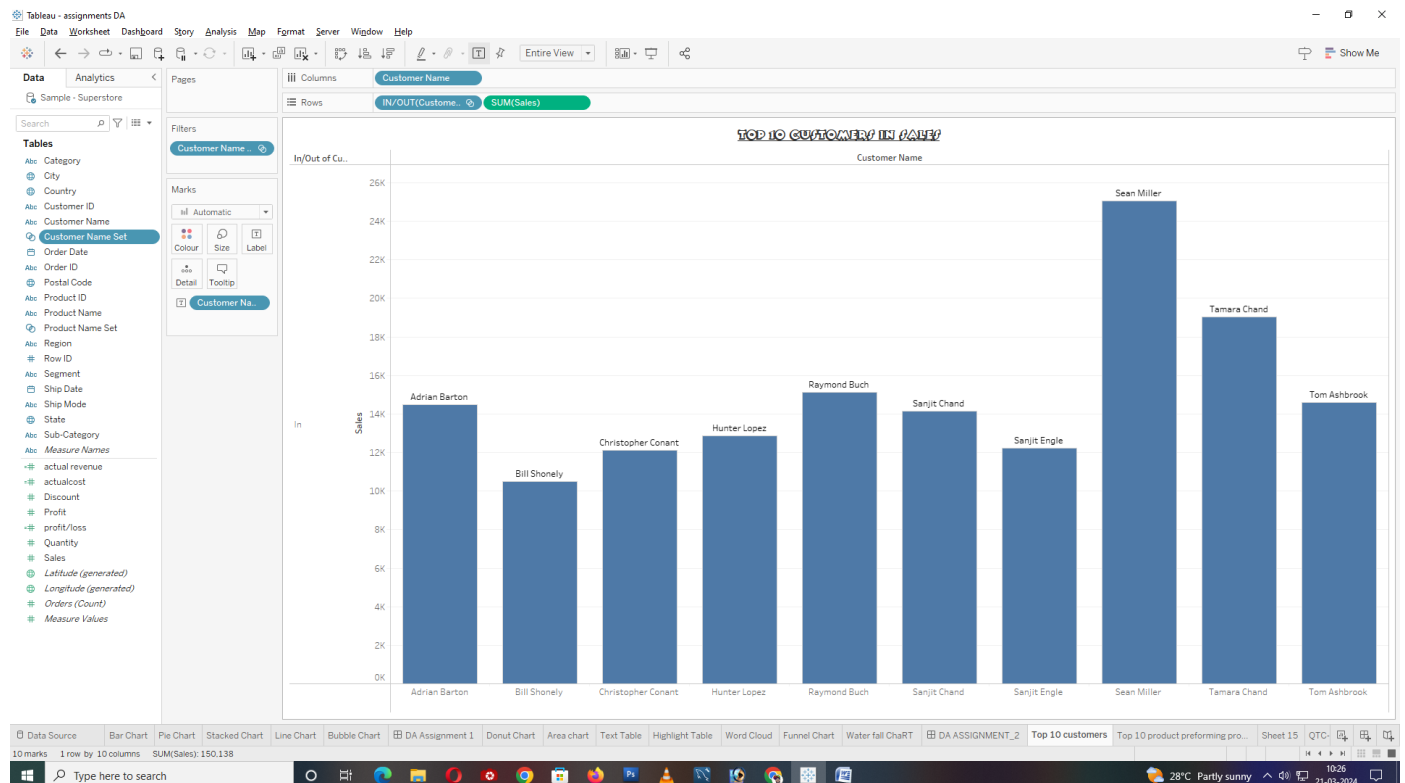


Here now I created the set for top 10

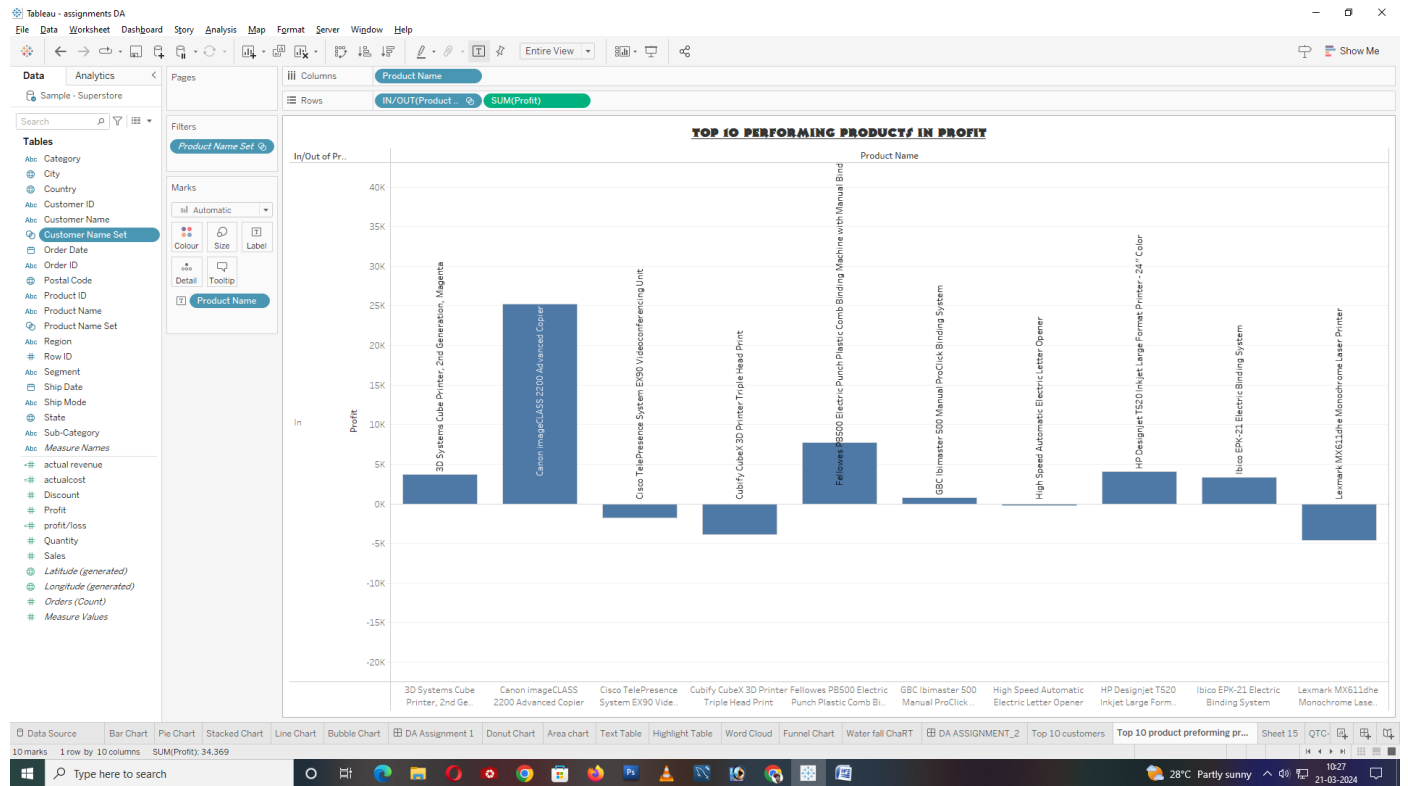
Like this,



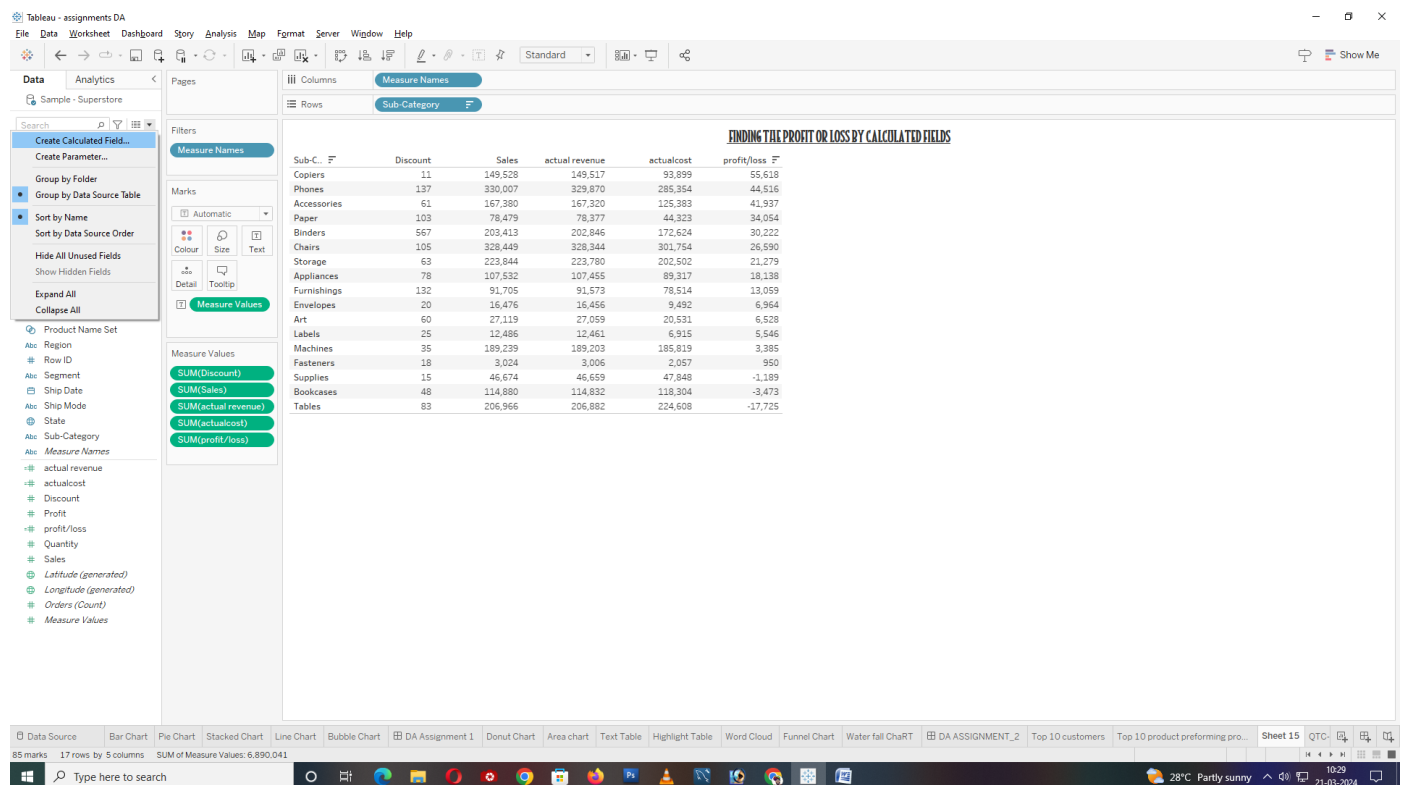
And then you can use this set field like this.



Like wise I created the top 10 performing products in profit.



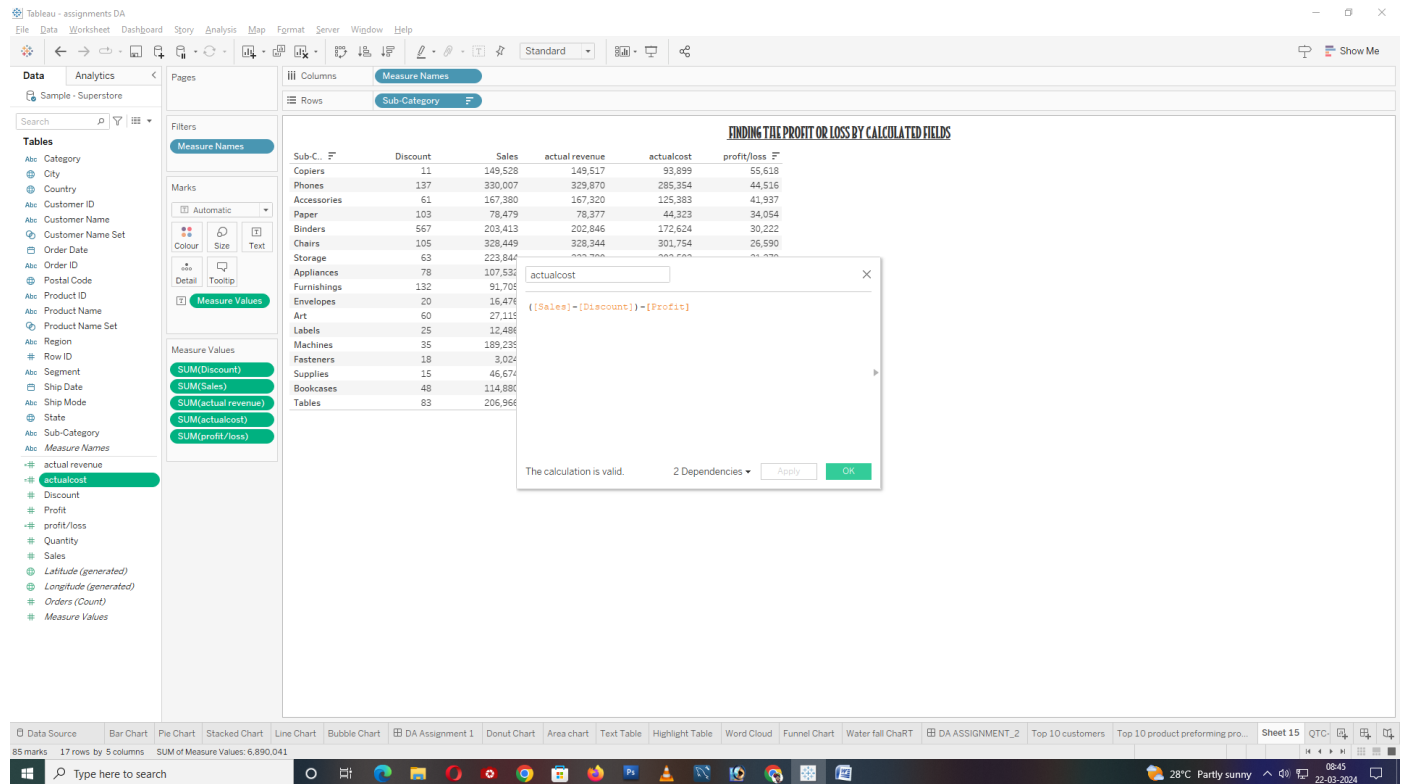
On the data pane select the drop down then you can see the create calculate field like here



Here I am creating the calculate field for finding the profit and loss

So for that I want an actual cost of the product so

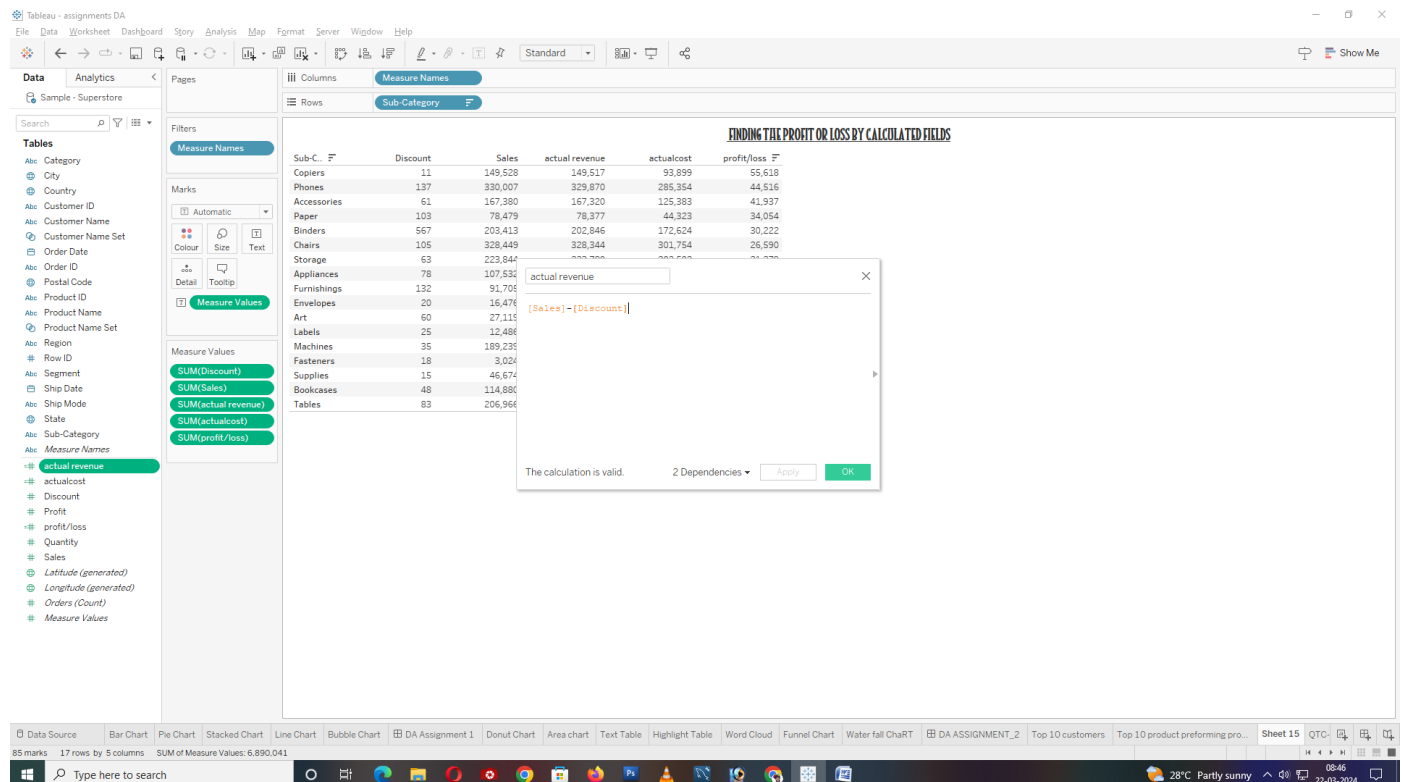
Actual Cost=(sales-discount)-profit



And

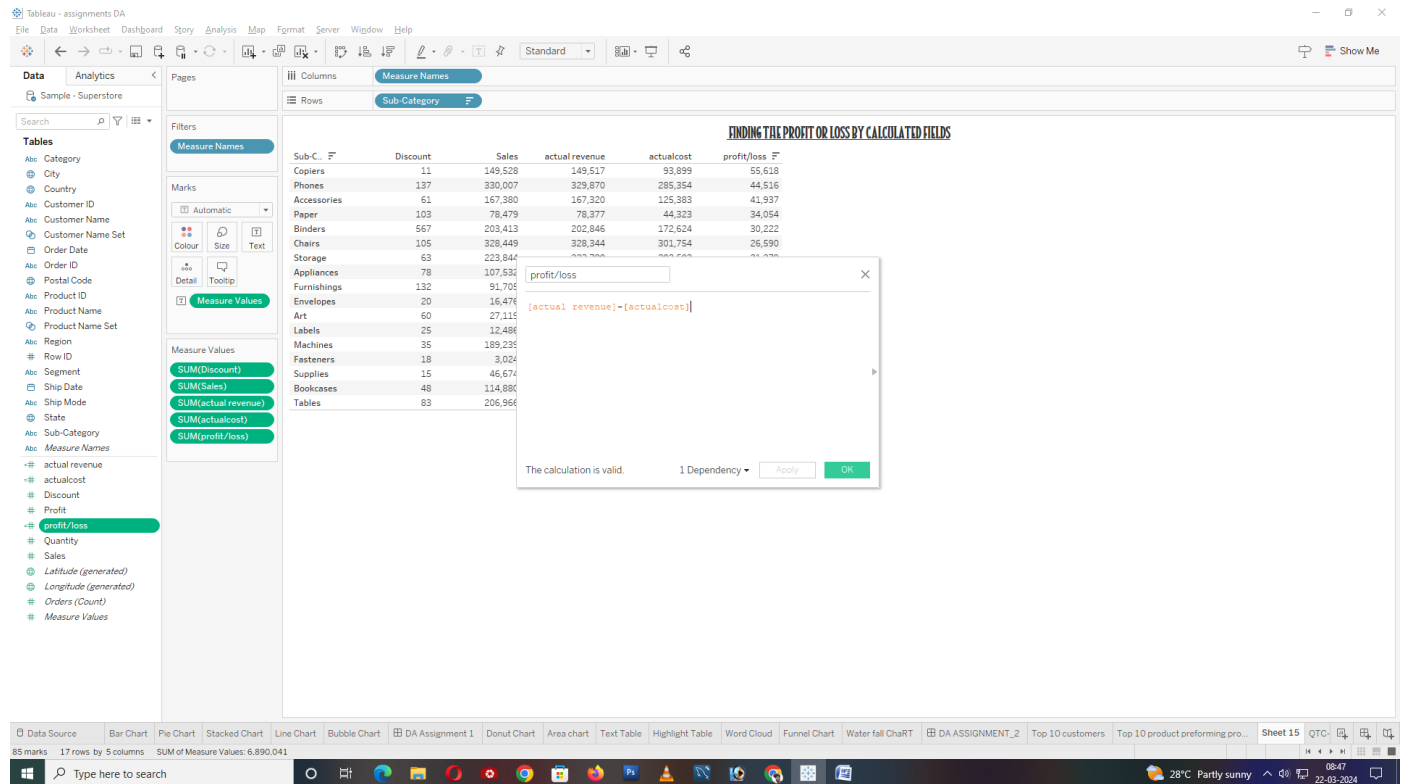
Then For Actual Revenue

Actual Revenue=Sales-Discount

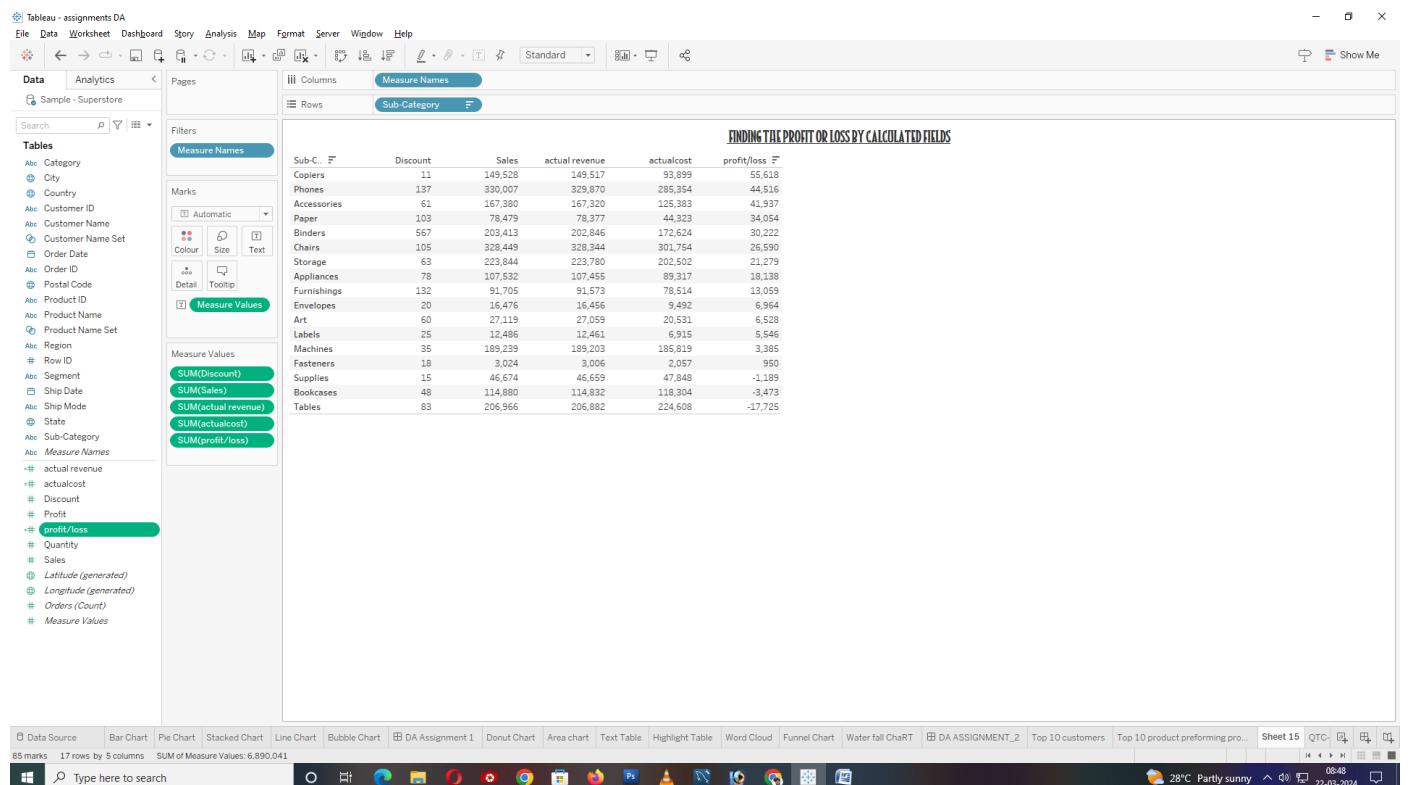


So for profit and loss

Profit/loss=Actual revenue-Actual Cost



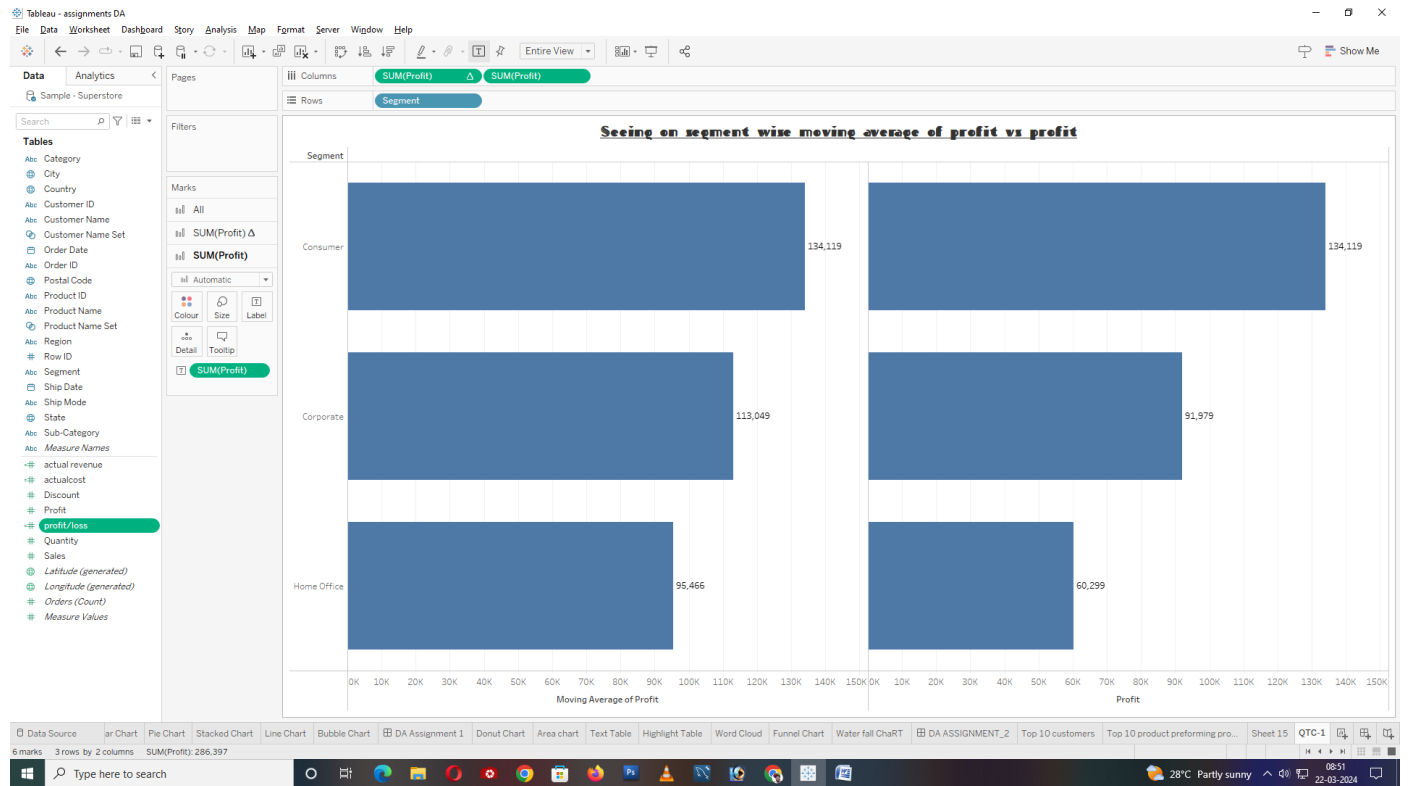
So by using this calculated fields we get the visualization of profit/loss like this



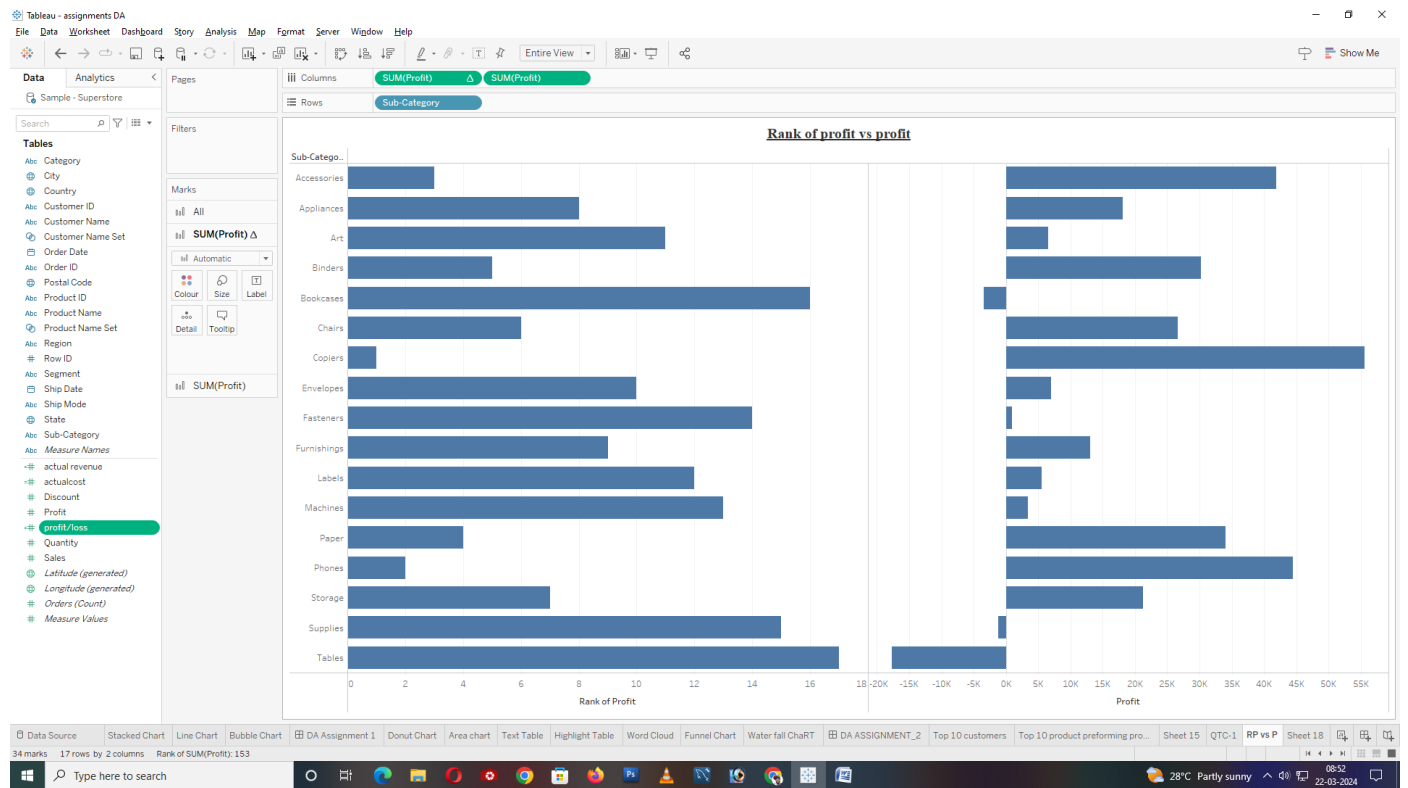
Quick Table Calculation:

Seeing an segment wise moving average of profit Vs Profit

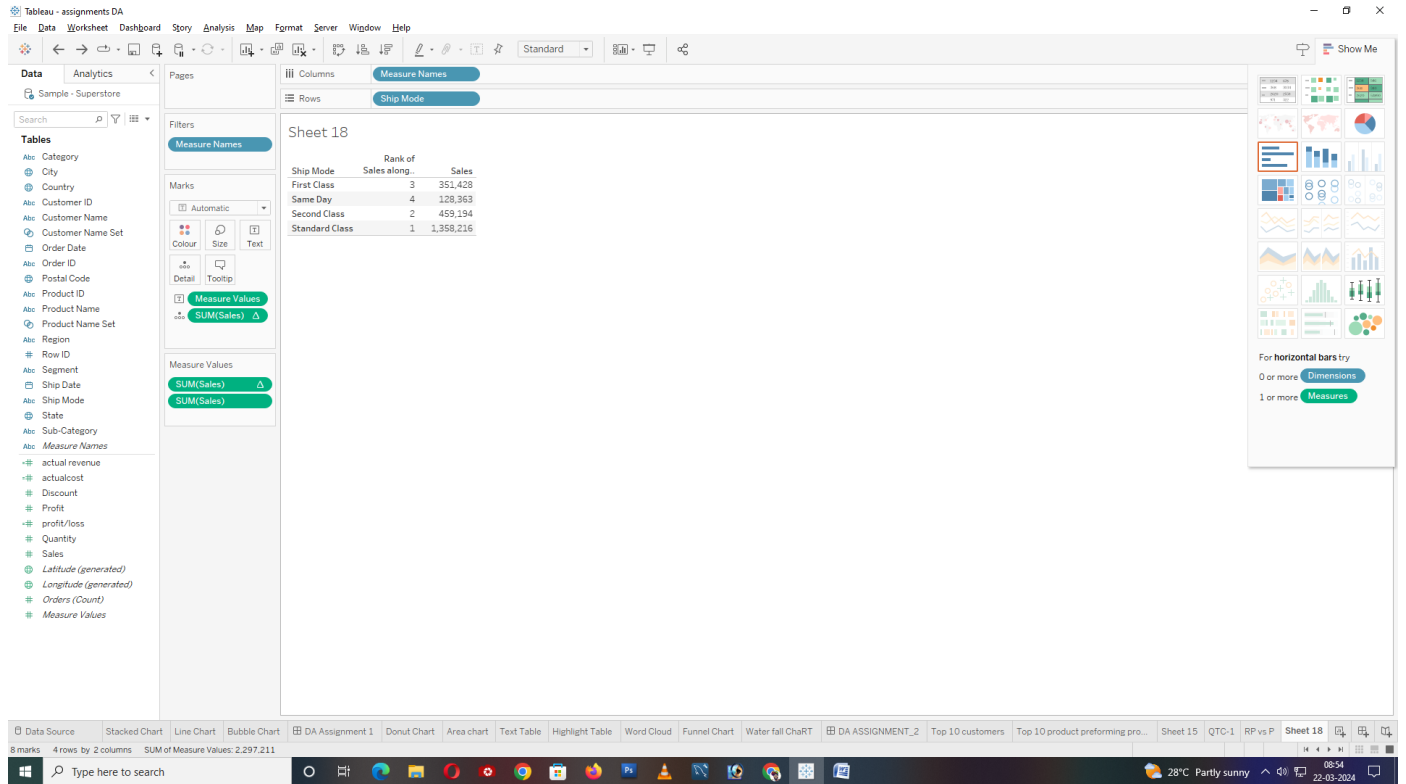
By the moving average quick table calculation



Next I am using the rank of profit for ranking the sales segment wise.



Next here it was the ranking of sales on the ship mode .



Dashboard of assignment-3

