

DATA ANALYTICS ASSIGNMENT 3

YANUMULA SIVA MADHURI

20NN1A0557

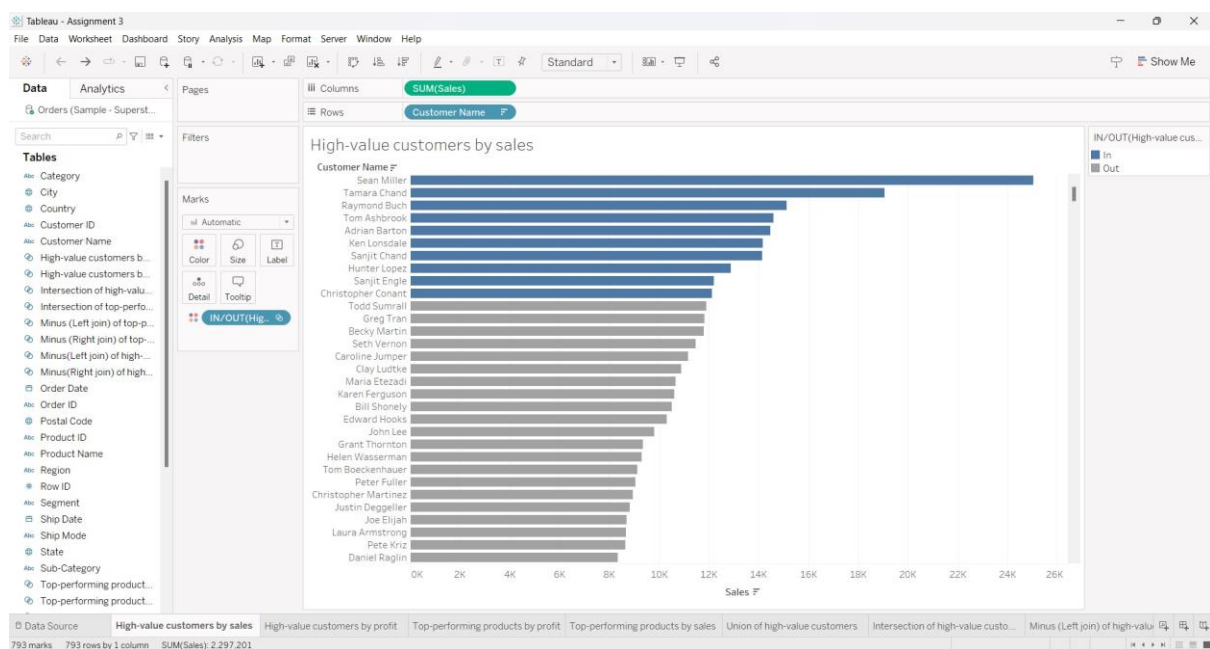
IV B.TECH (CSE)

VIGNAN'S NIRULA INSTITUTE OF TECHNOLOGY AND SCIENCE FOR WOMEN
(VNITSW)

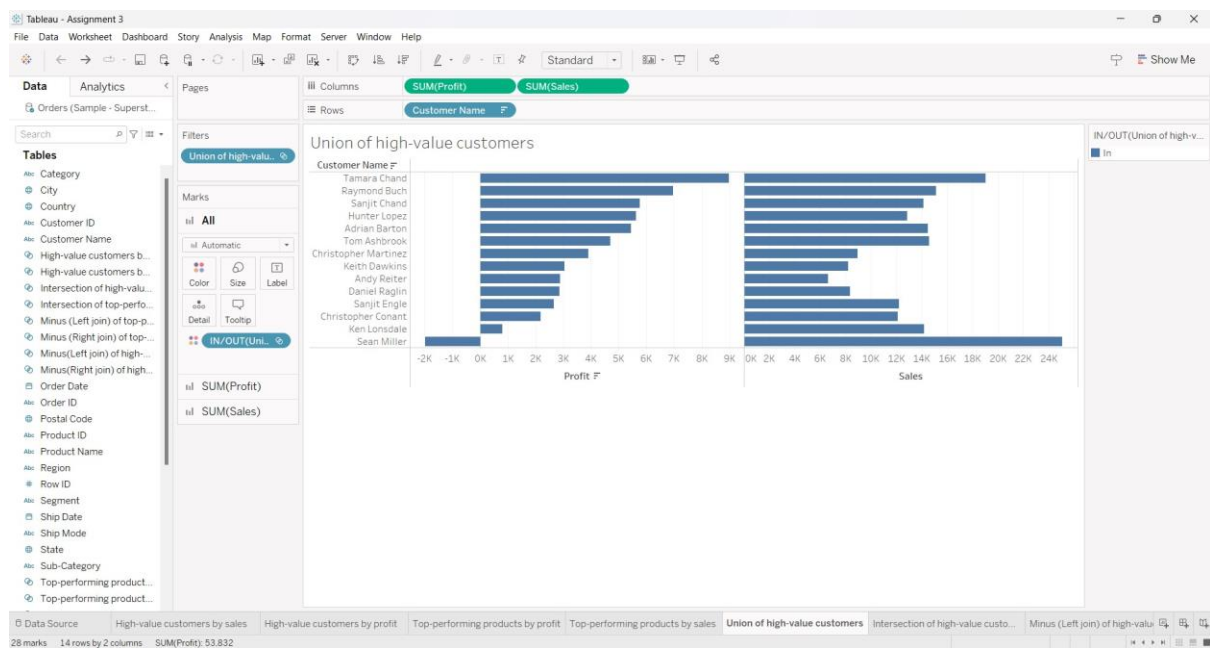
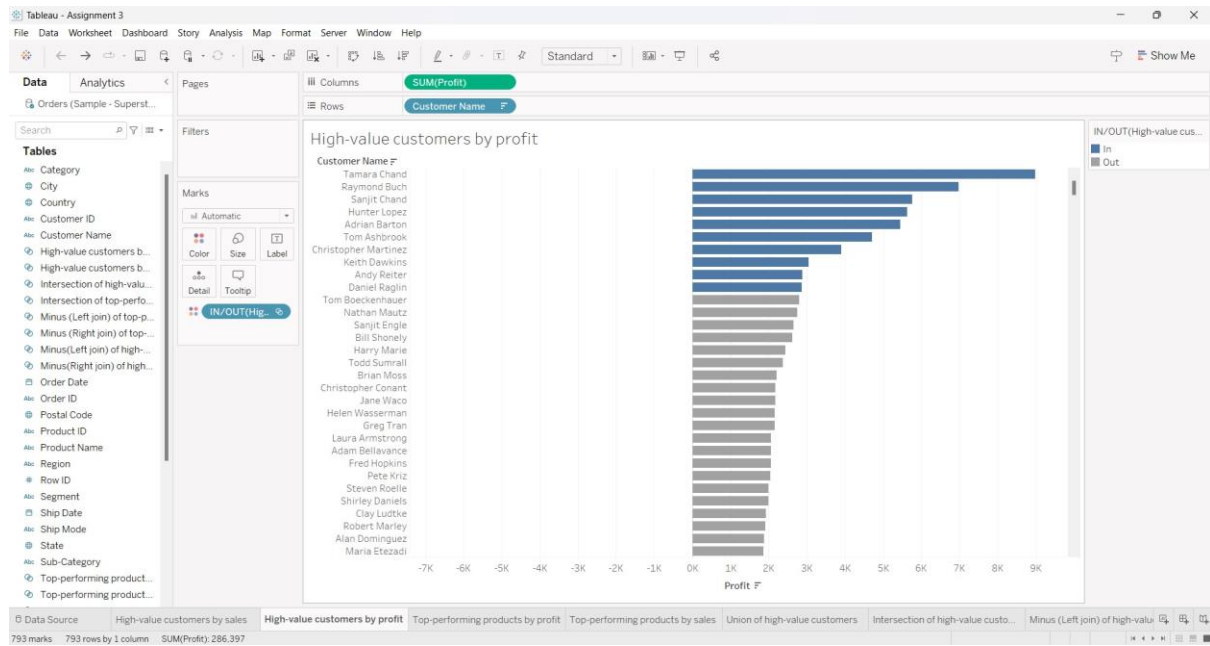
DATASET :  Sample - Superstore.xls

- 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

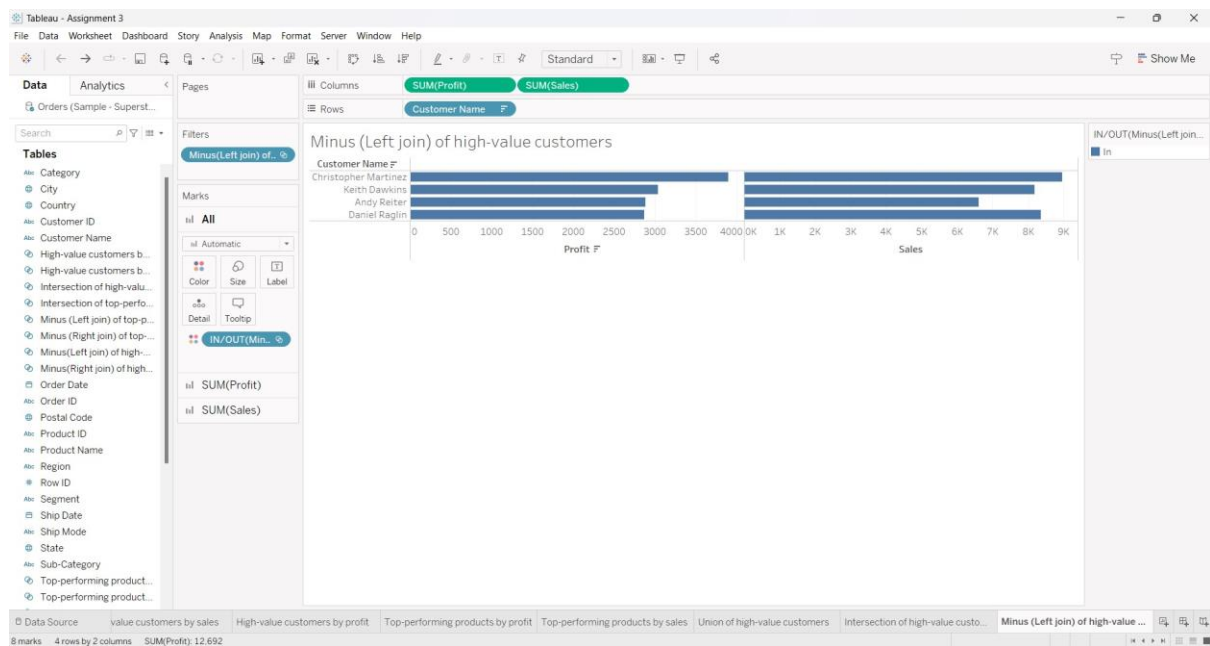
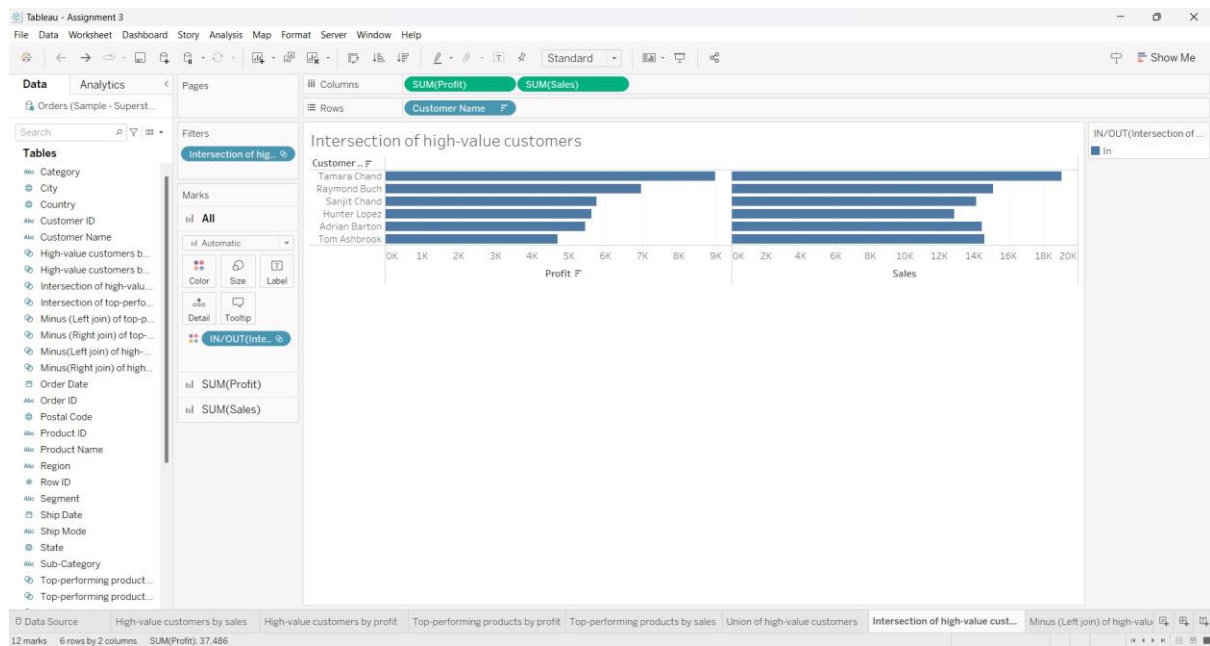
HIGH-VALUE CUSTOMERS BY SALES



HIGH-VALUE CUSTOMERS BY PROFIT



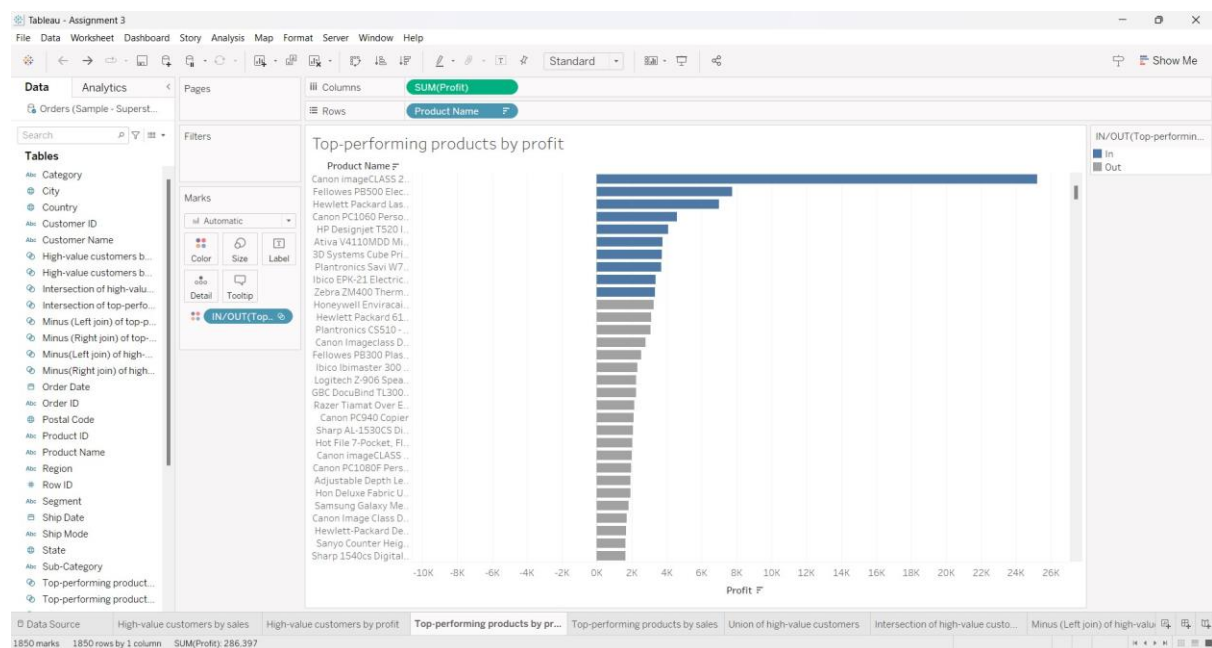
UNION OF HIGH-VALUE CUSTOMERS INTERSECTION OF HIGH-VALUE CUSTOMERS



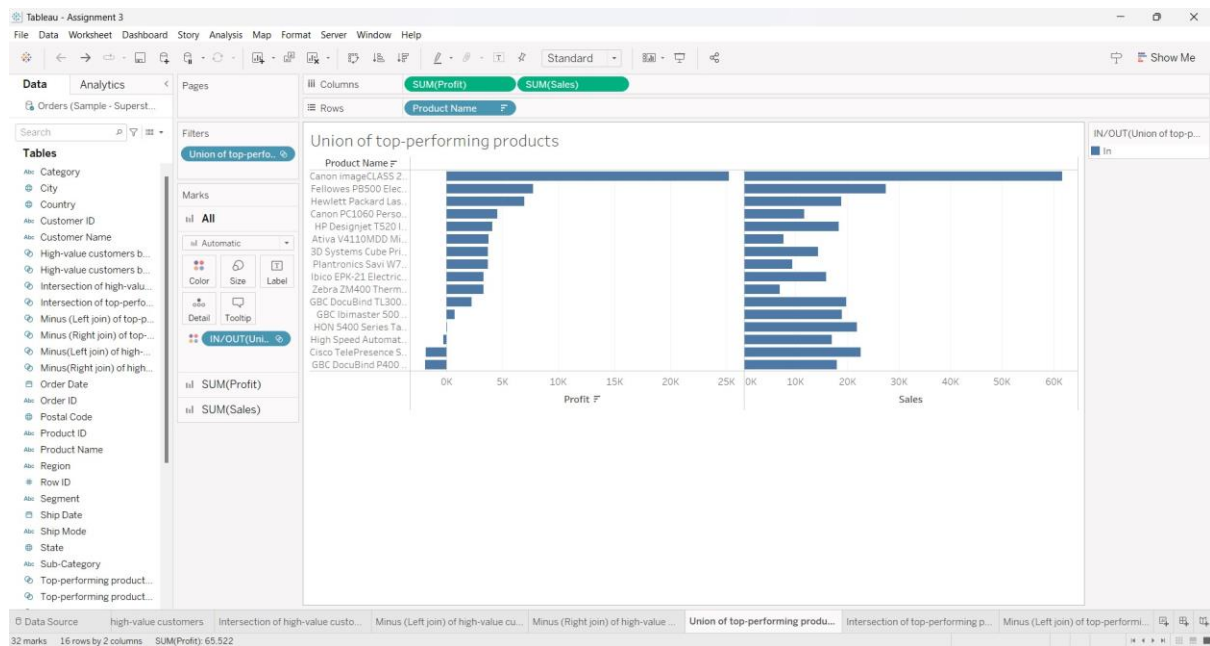
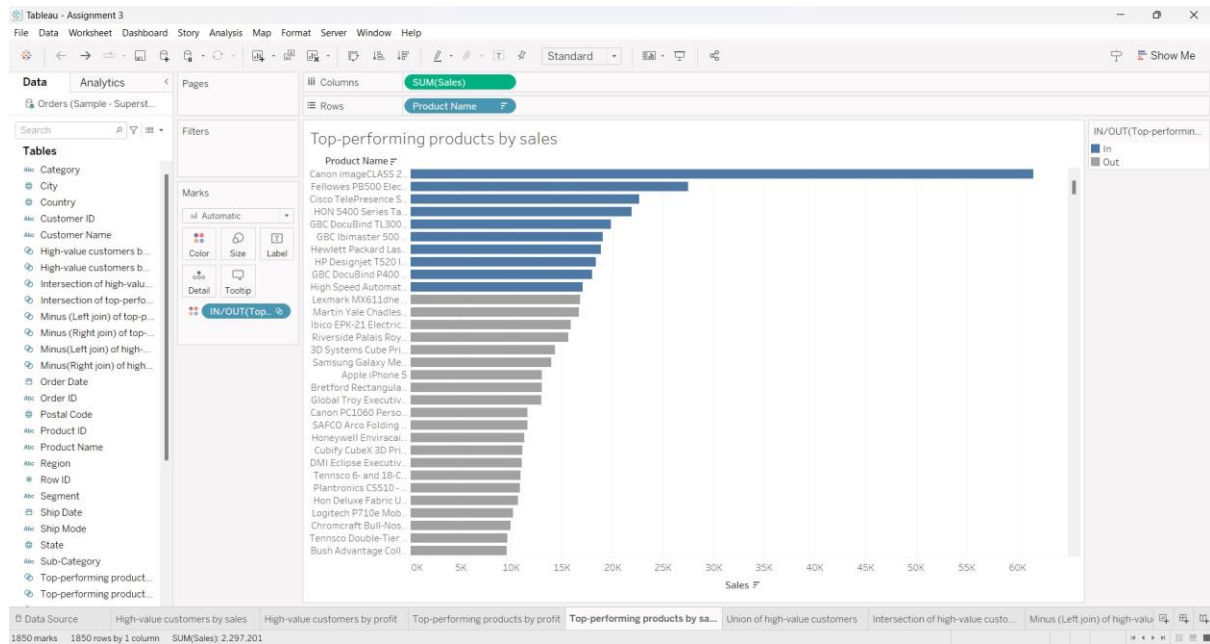
The screenshot shows the Tableau interface with the following details:

- Columns Shelf:** SUM(Profit), SUM(Sales)
- Rows Shelf:** Customer Name
- Filters Shelf:** Minus(Right join)
- Marks Card:** All
- Legend:** IN/OUT(Minus(Right join))
- Data Series:**

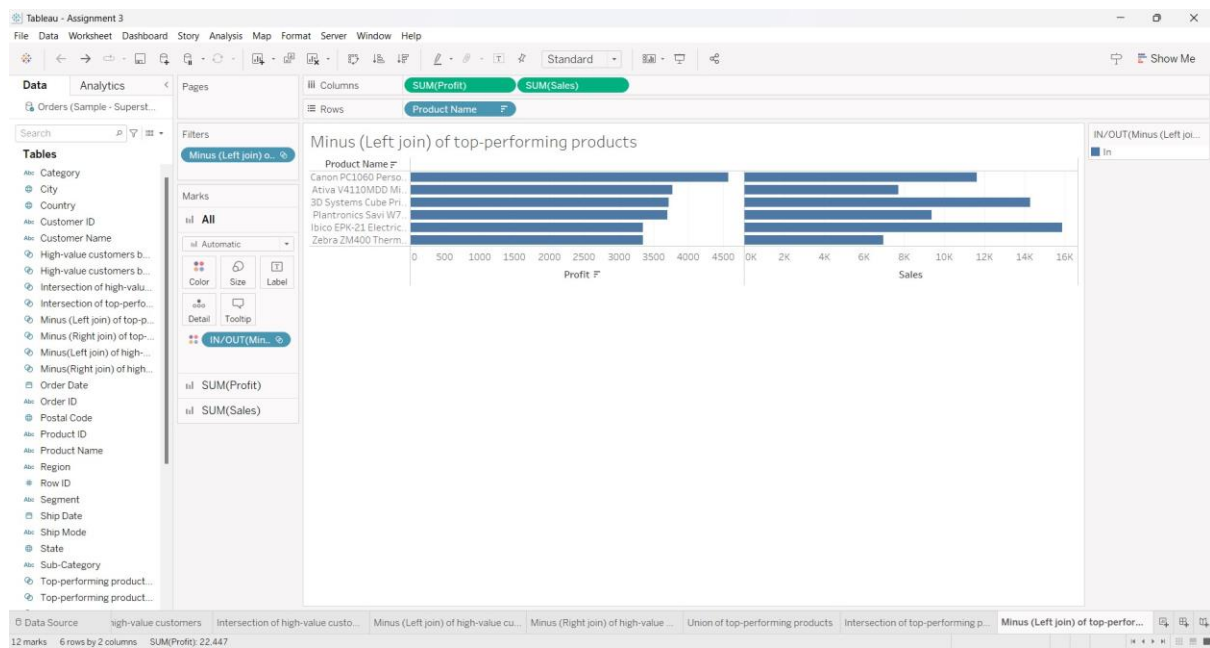
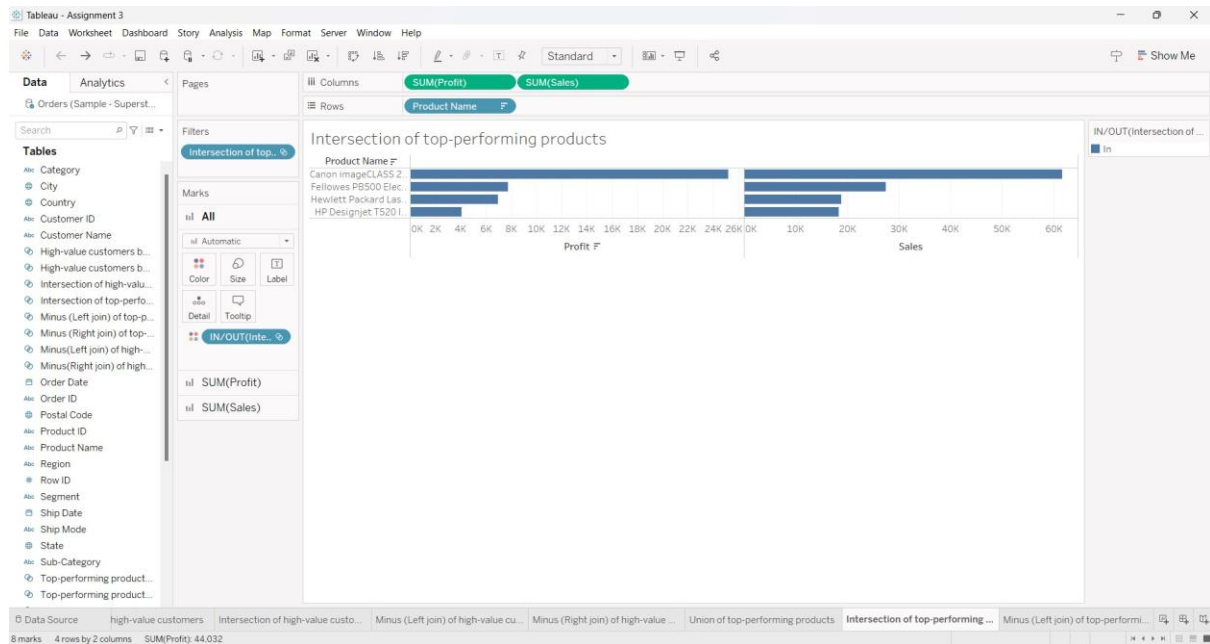
| Customer Name | Profit (Approx.) | Sales (Approx.) |
|--------------------|------------------|-----------------|
| Sanjit Singh | -1000 | 12K |
| Christopher Conant | -1000 | 10K |
| Ken Lonsdale | -1000 | 14K |
| Sean Miller | -1000 | 24K |
| (Unnamed) | -1000 | 10K |



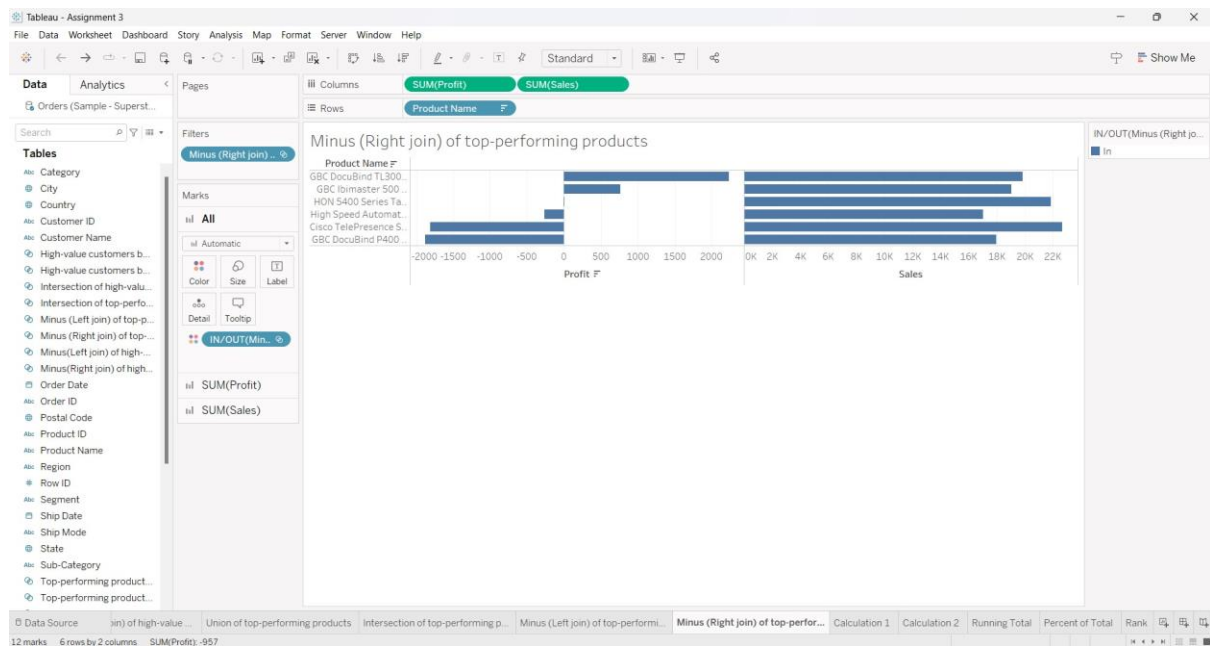
TOP-PERFORMING PRODUCTS BY PROFIT TOP-PERFORMING PRODUCTS BY SALES



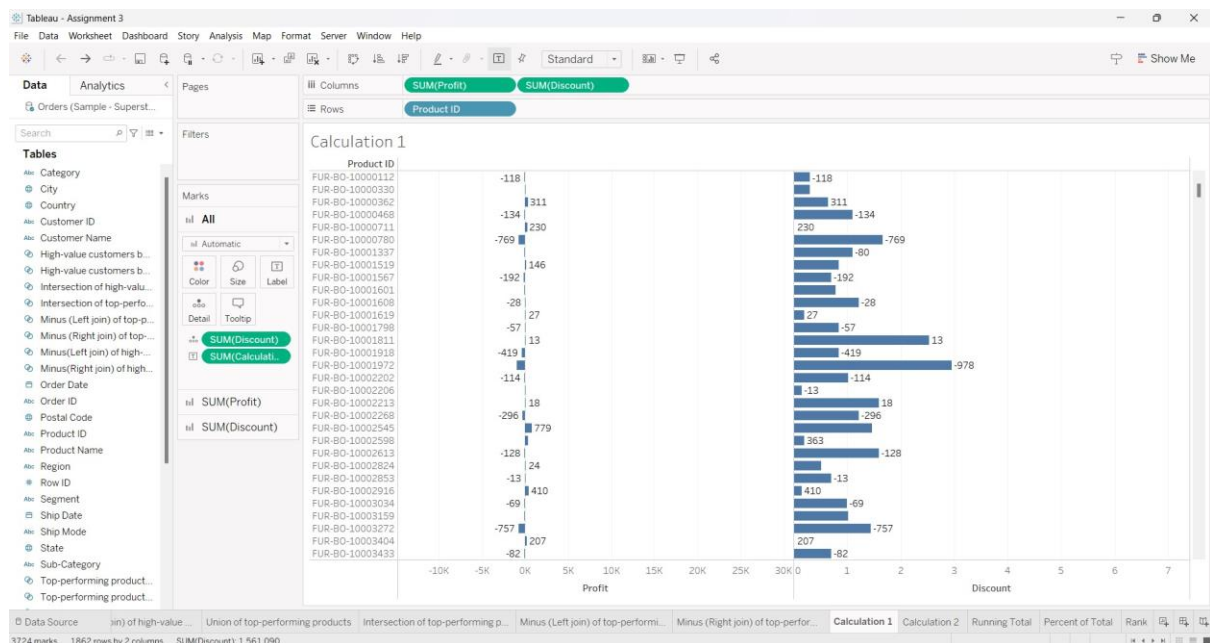
UNION OF TOP-PERFORMING PRODUCTS INTERSECTION OF TOP-PERFORMING PRODUCTS



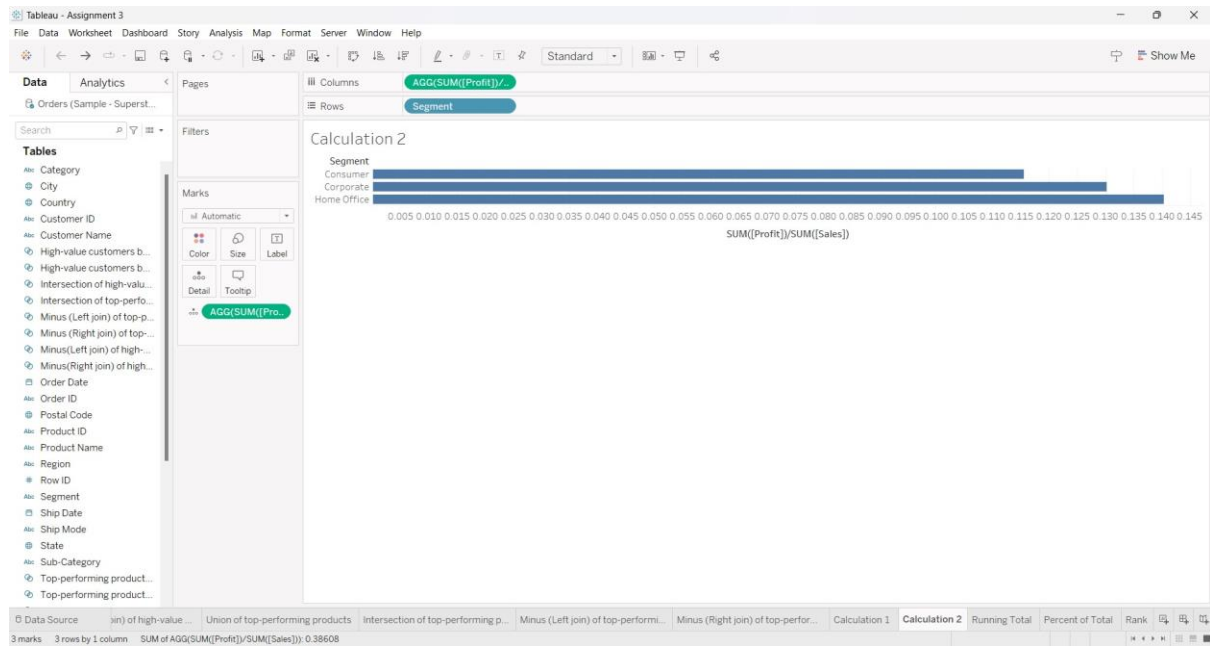
MINUS (LEFT JOIN) OF TOP-PERFORMING PRODUCTS MINUS (RIGHT JOIN) OF TOP-PERFORMING PRODUCTS



CALCULATED FIELD - 1

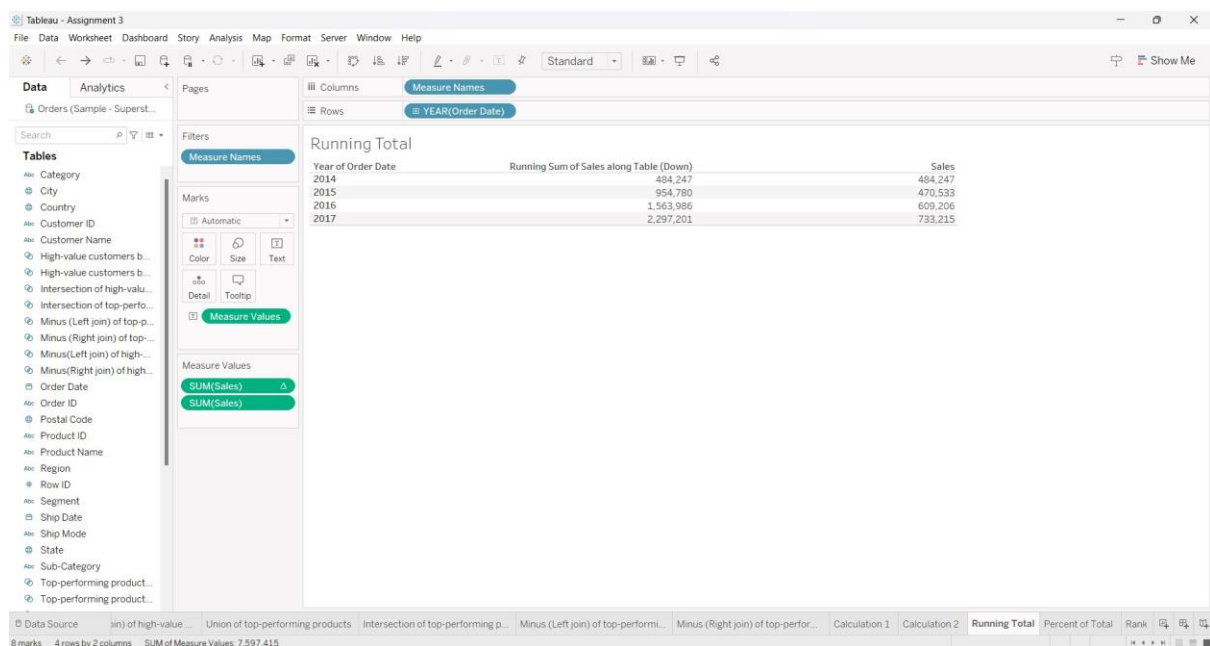


CALCULATED FIELD - 2

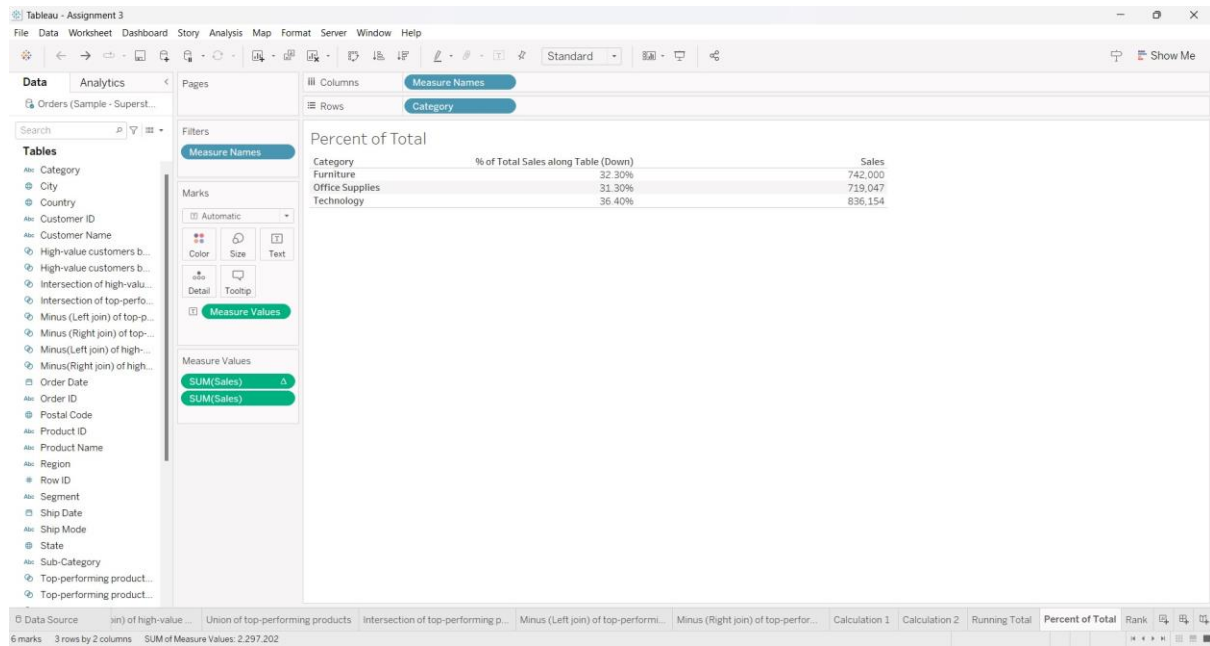


QUICK TABLE CALCULATIONS:

RUNNING TOTAL



PERCENT OF TOTAL



RANK

