

DATA ANALYTICS ASSIGNMENT 3

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20NN1A0552

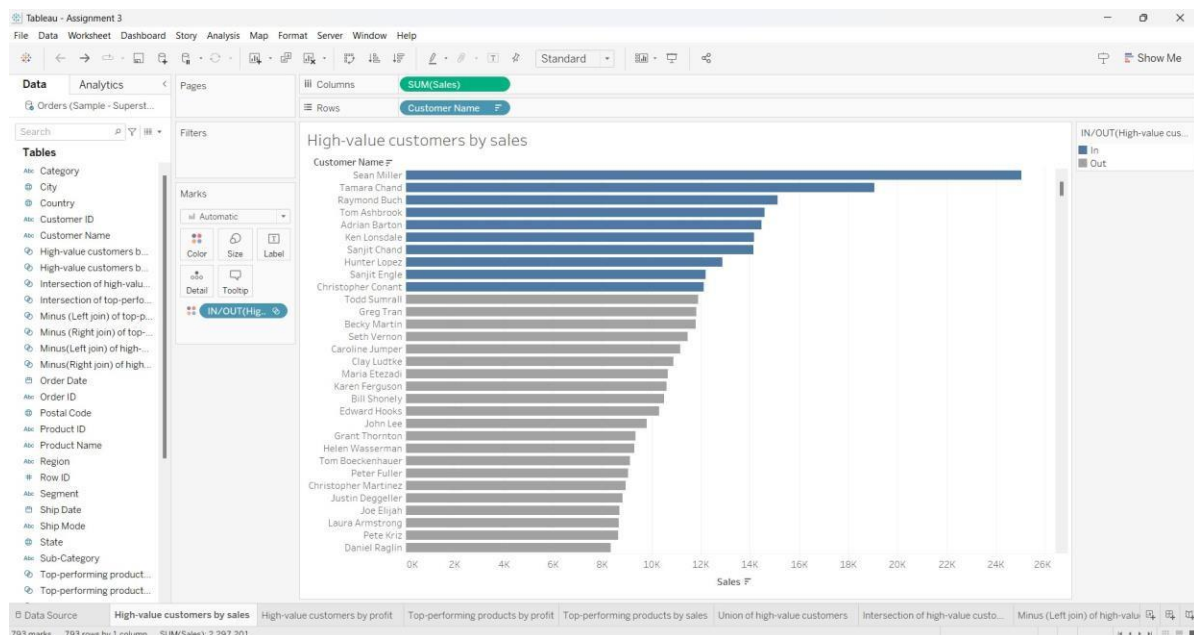
IV B.TECH (CSE)

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

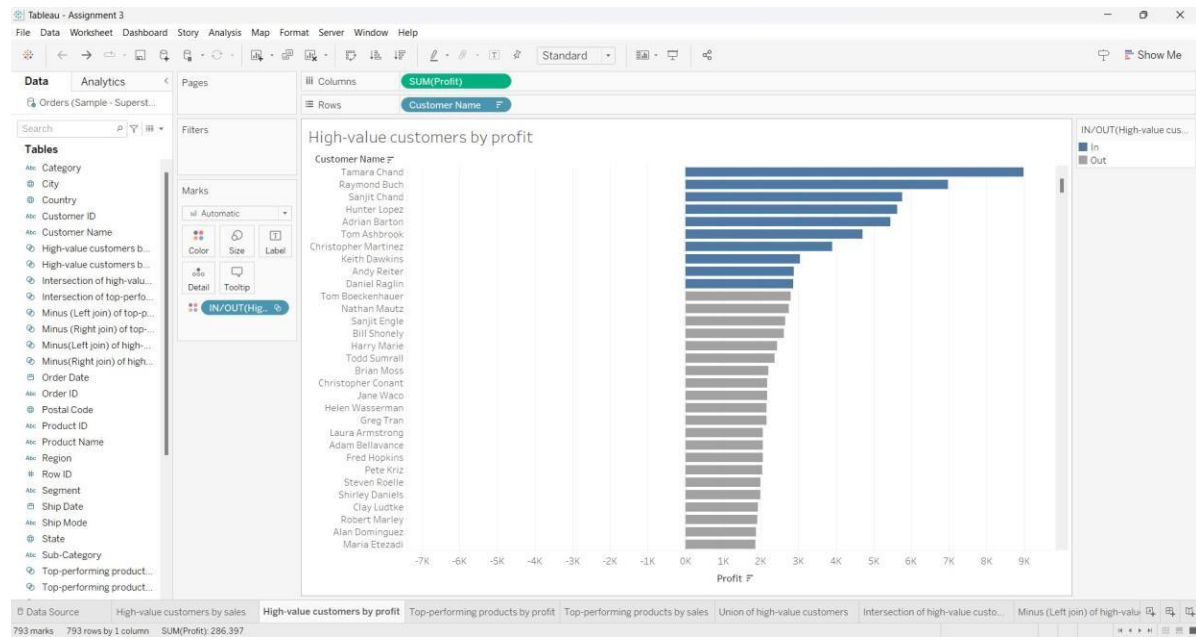
DATASET :  Sample - Superstore.xls

- 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

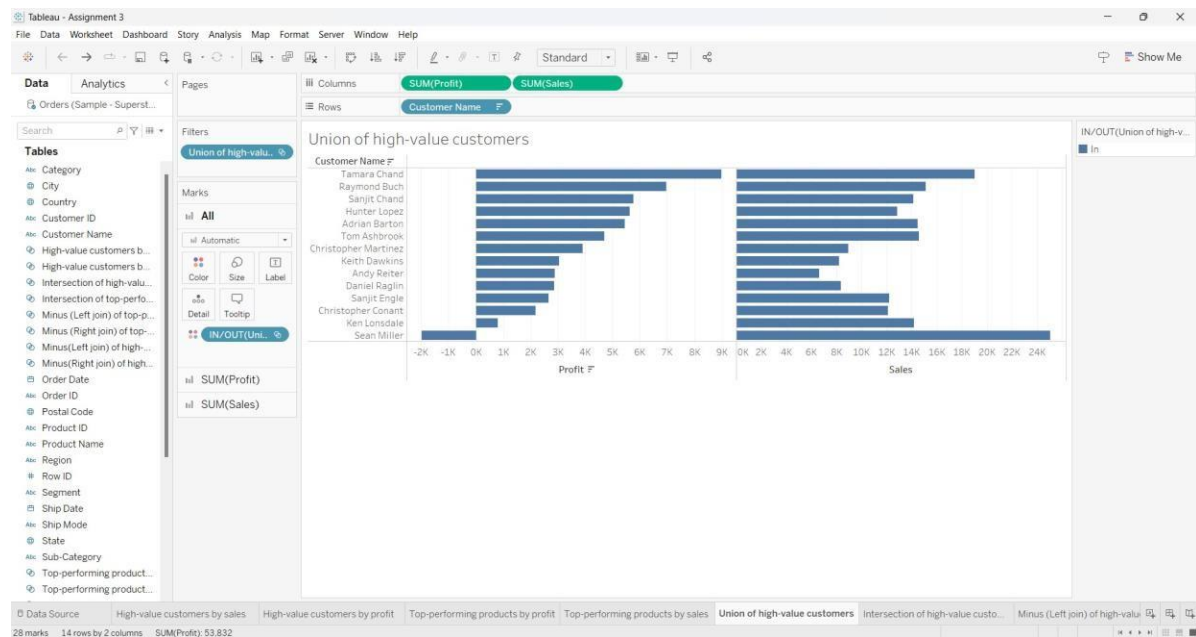
HIGH-VALUE CUSTOMERS BY SALES



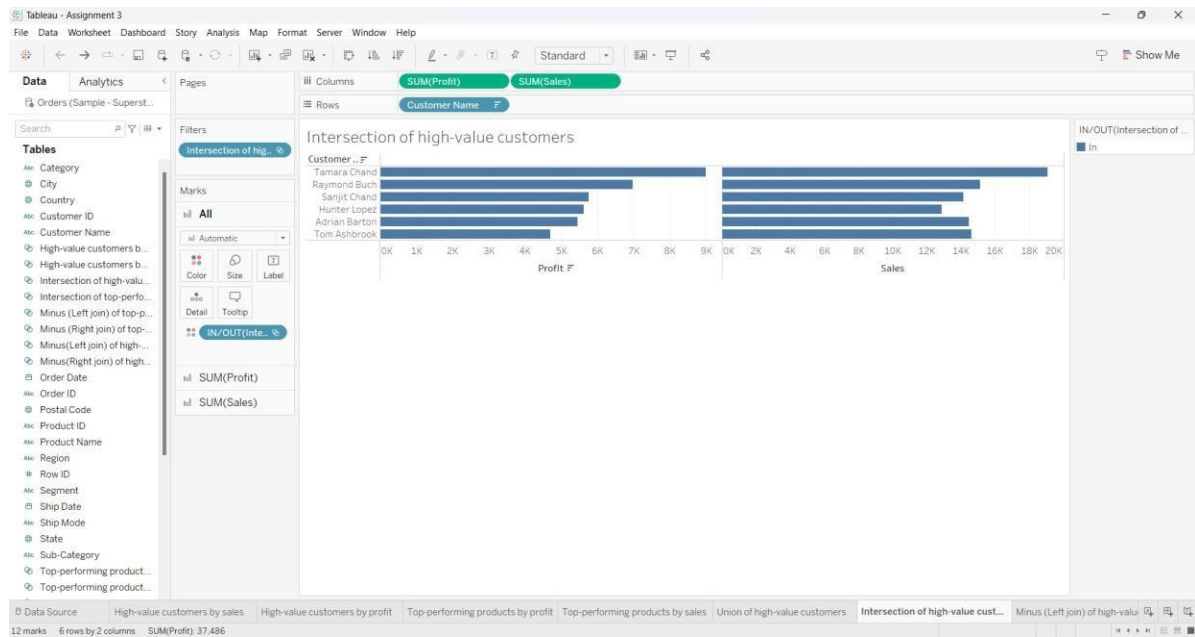
HIGH-VALUE CUSTOMERS BY PROFIT



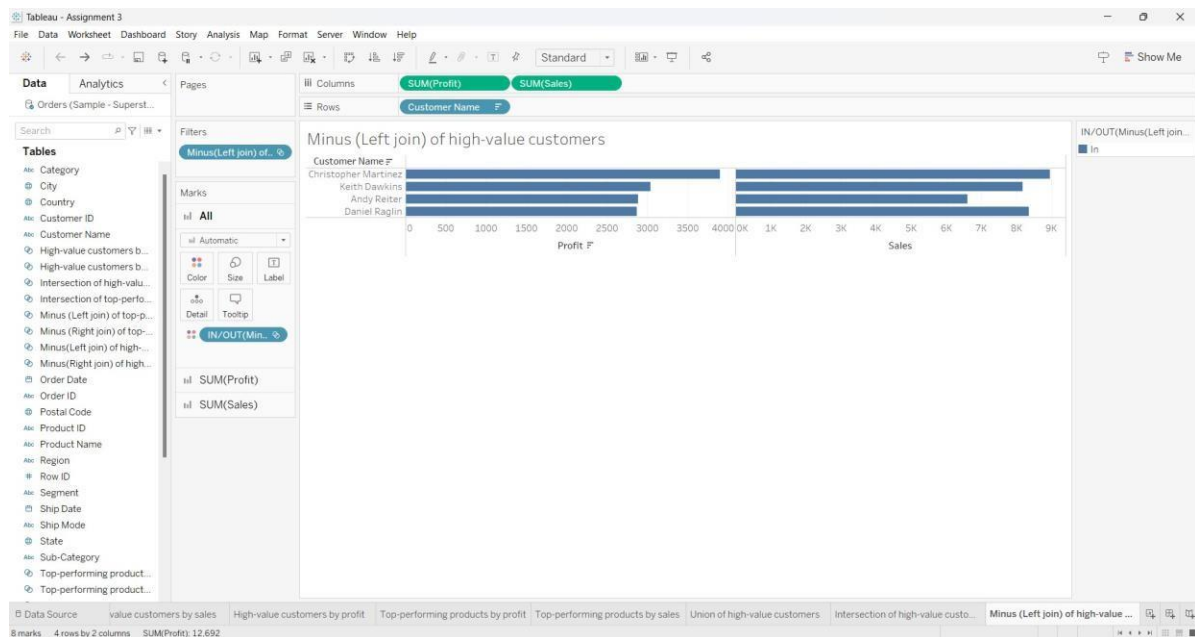
UNION OF HIGH-VALUE CUSTOMERS



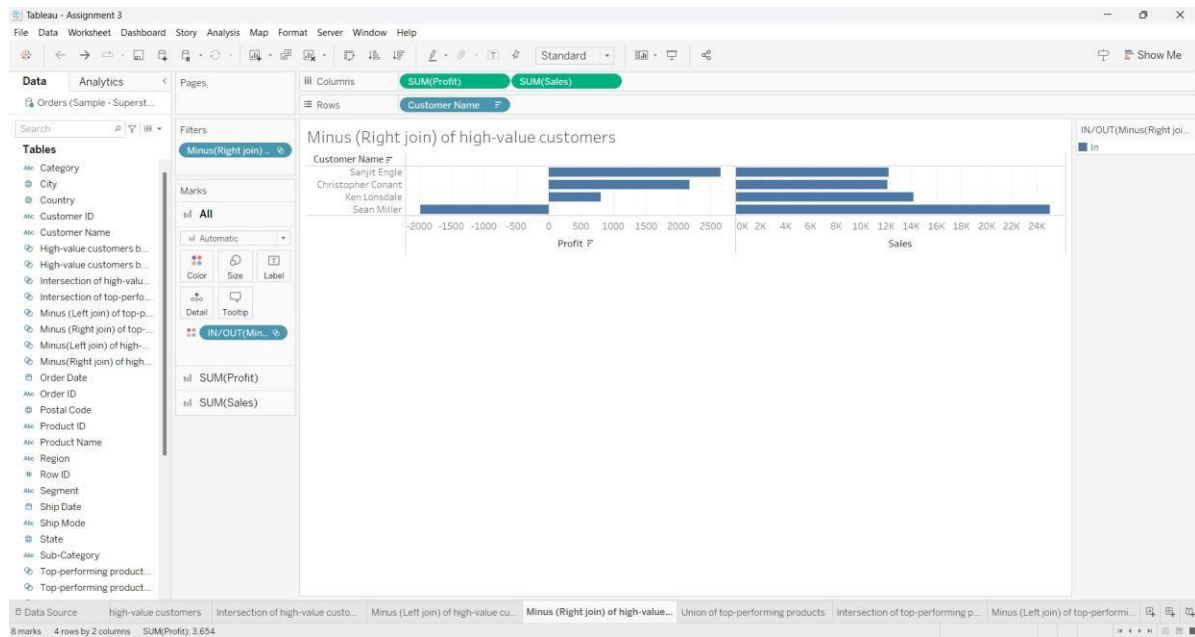
INTERSECTION OF HIGH-VALUE CUSTOMERS



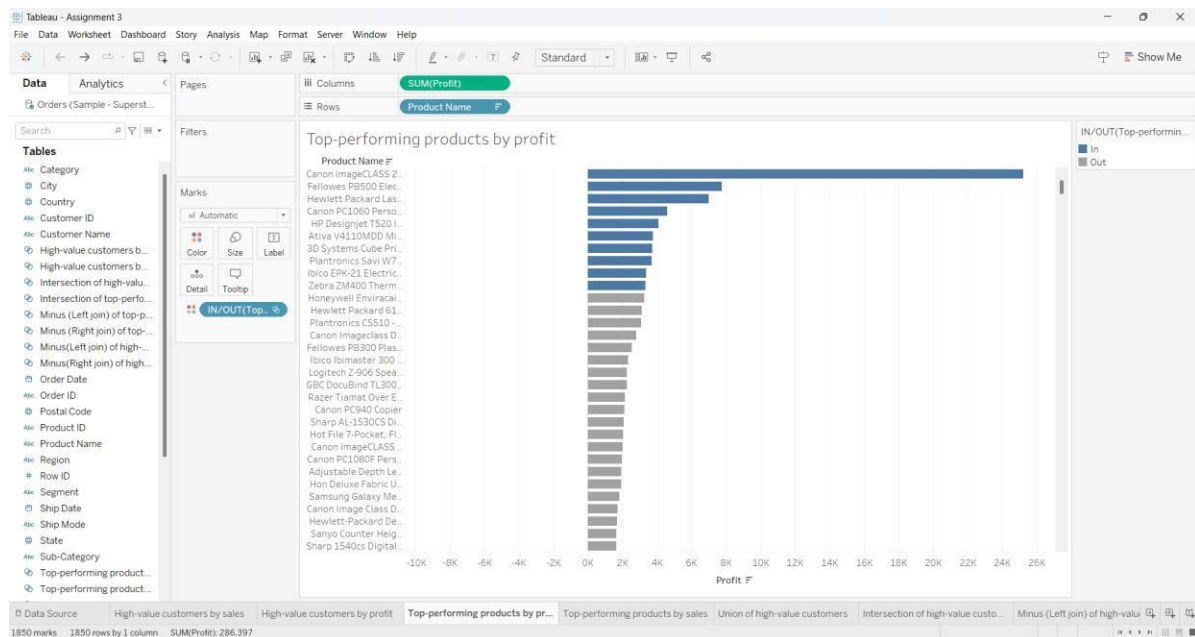
MINUS (LEFT JOIN) OF HIGH-VALUE CUSTOMERS



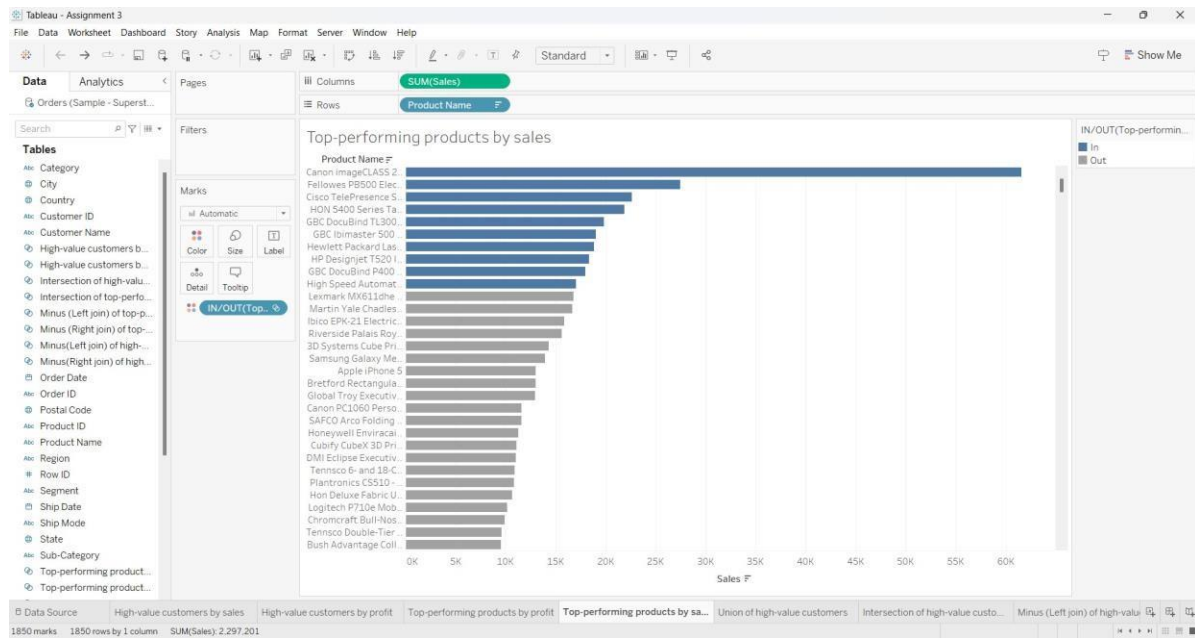
MINUS (RIGHT JOIN) OF HIGH-VALUE CUSTOMERS



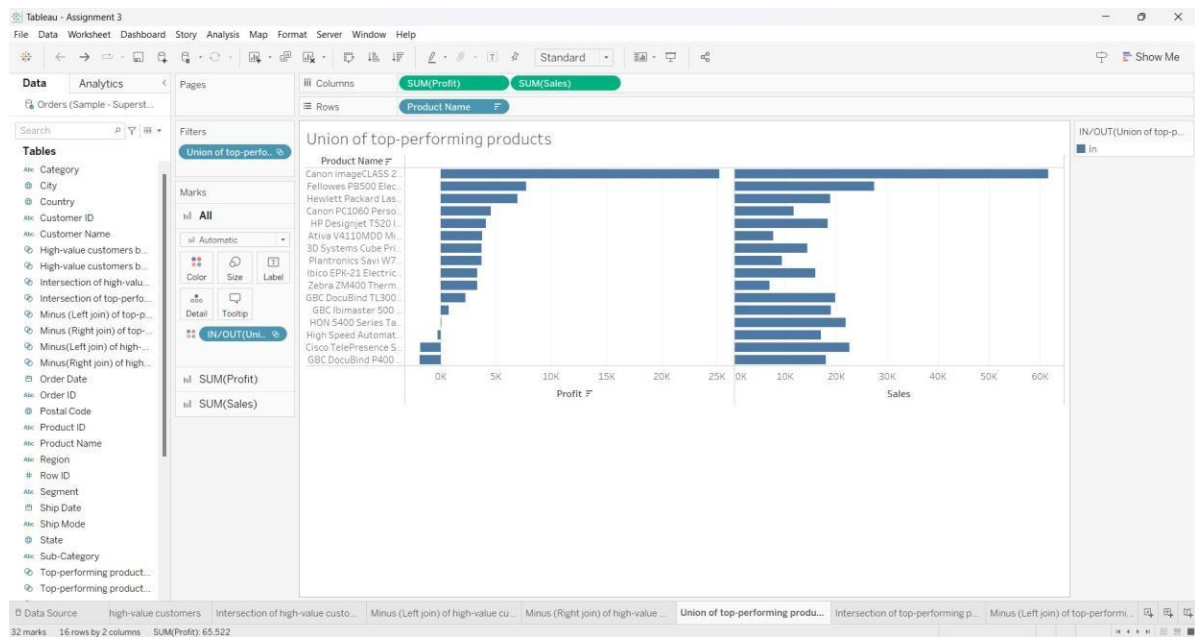
TOP-PERFORMING PRODUCTS BY PROFIT



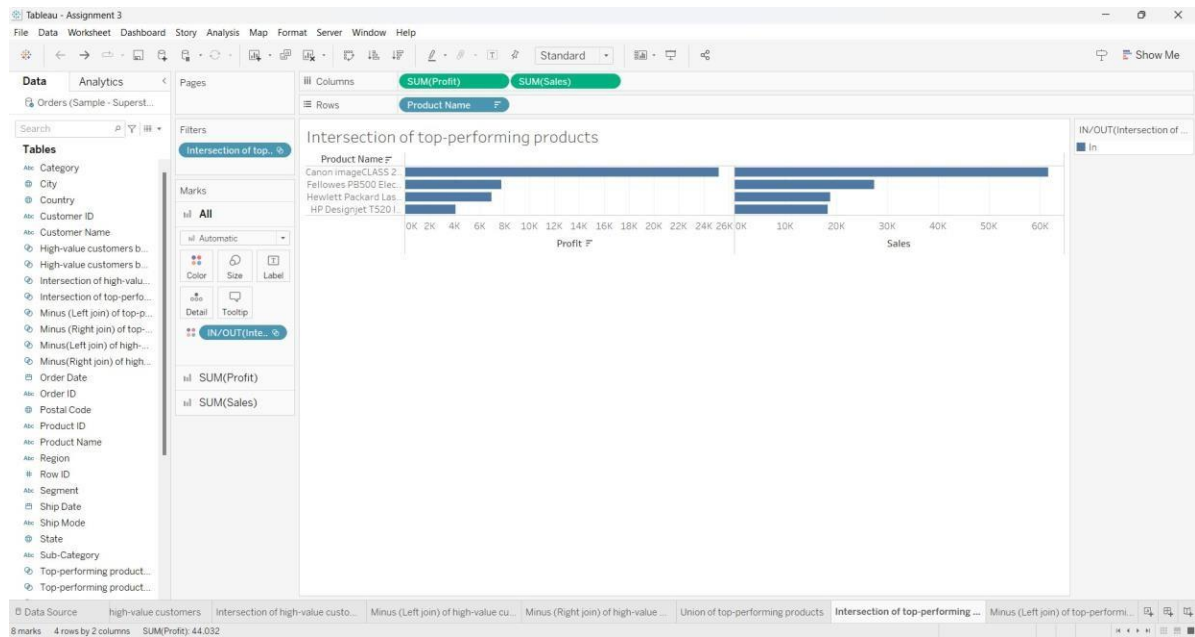
TOP-PERFORMING PRODUCTS BY SALES



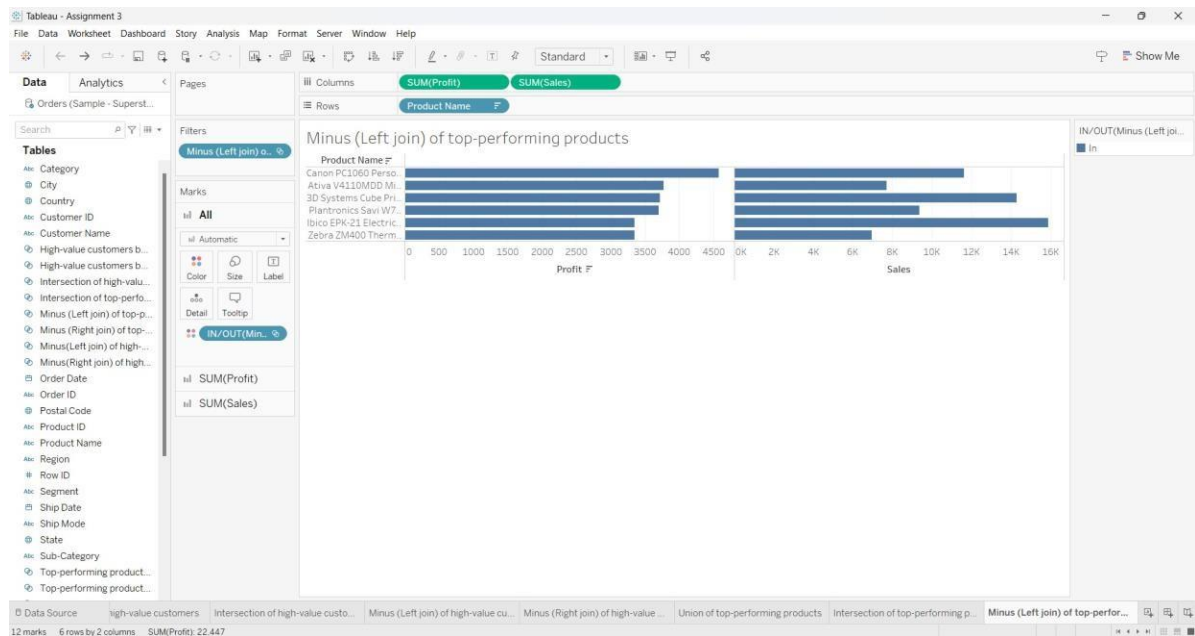
UNION OF TOP-PERFORMING PRODUCTS



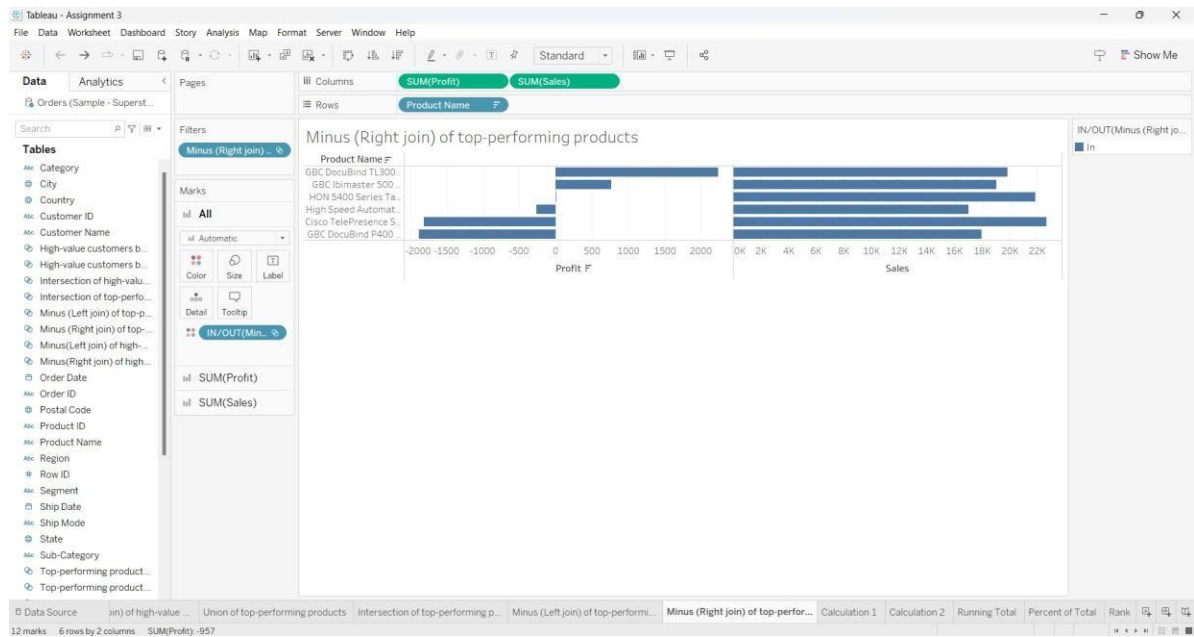
INTERSECTION OF TOP-PERFORMING PRODUCTS



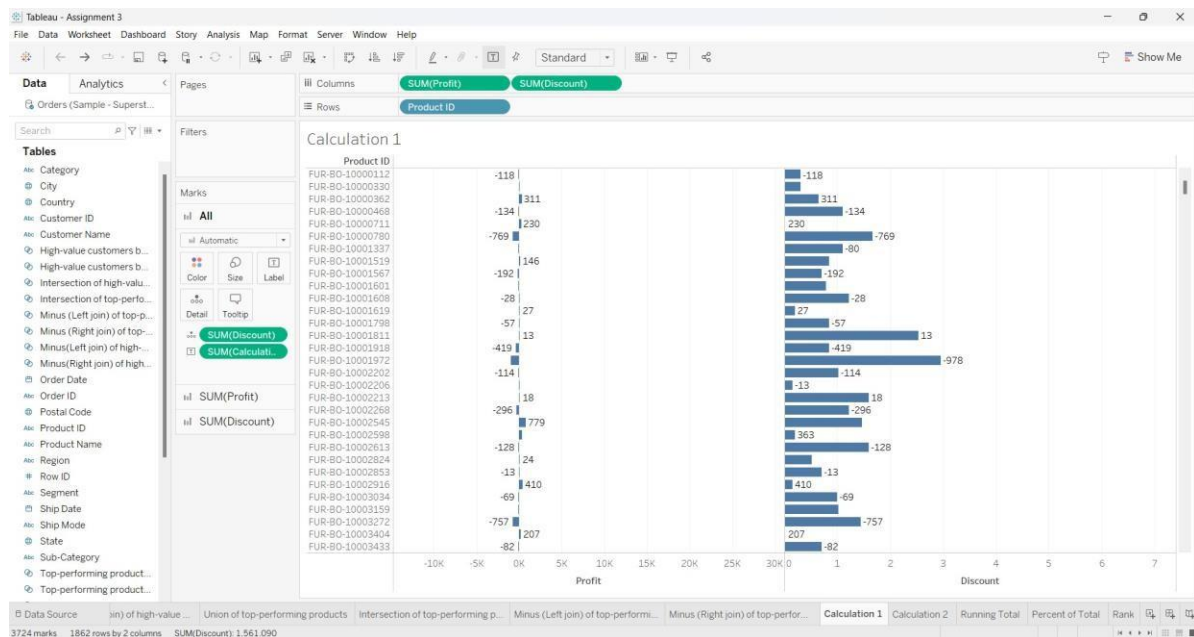
MINUS (LEFT JOIN) OF TOP-PERFORMING PRODUCTS



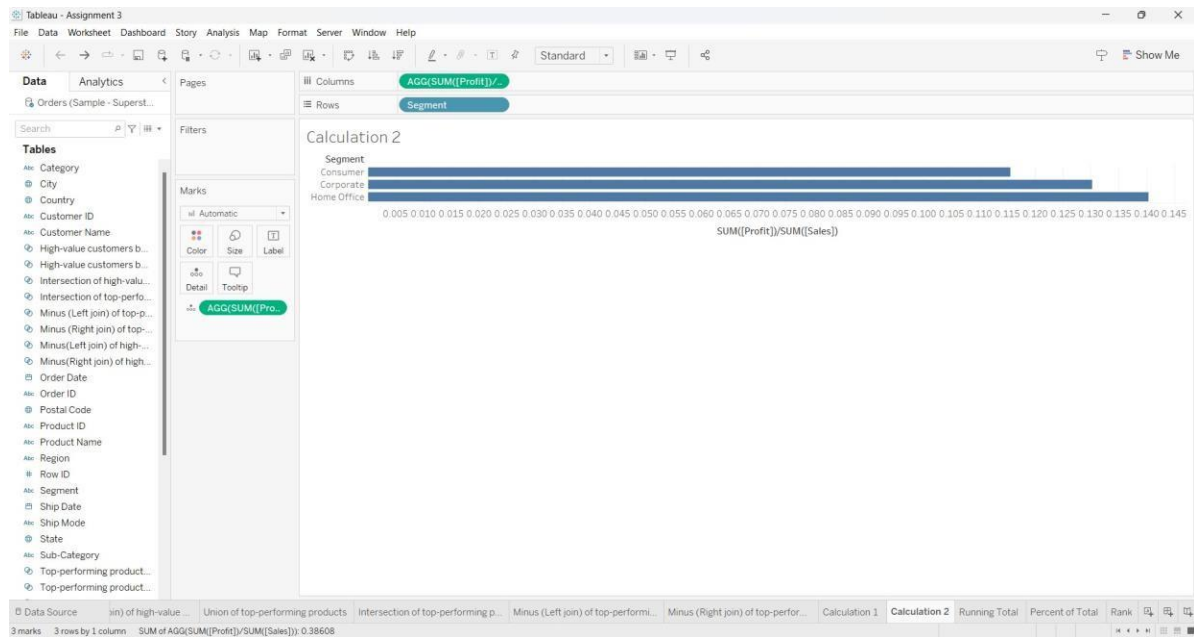
MINUS (RIGHT JOIN) OF TOP-PERFORMING PRODUCTS



CALCULATED FIELD - 1



CALCULATED FIELD - 2



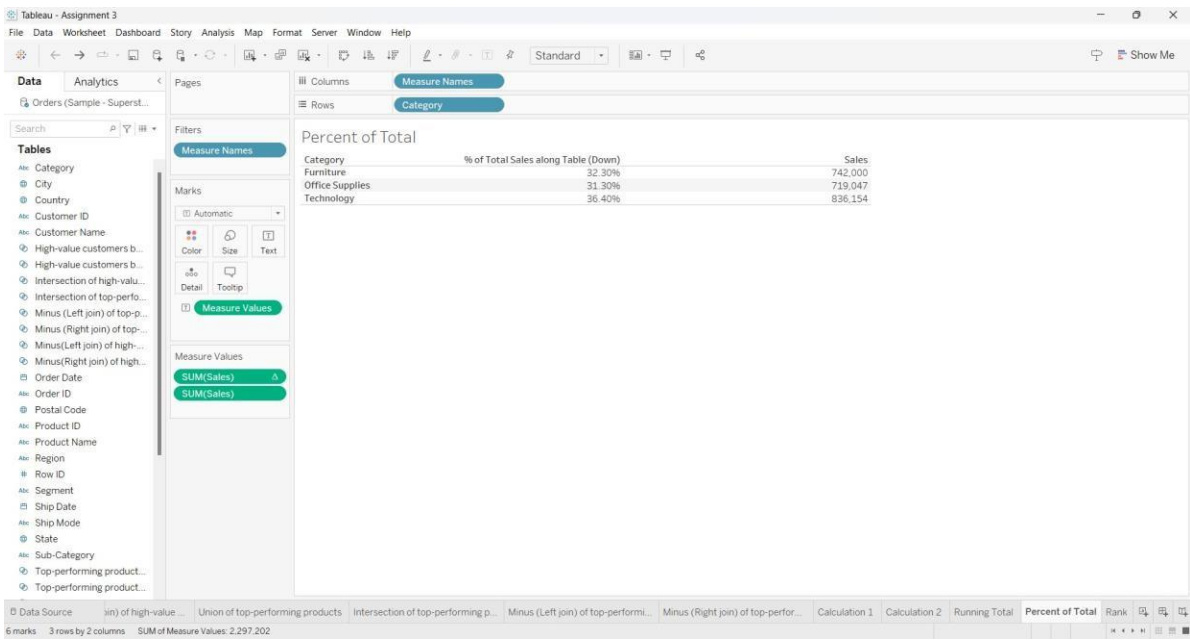
QUICK TABLE CALCULATIONS:

RUNNING TOTAL

The screenshot shows a Tableau worksheet titled 'Tableau - Assignment 3'. The Columns shelf contains the 'Measure Names' field and the Rows shelf contains the 'YEAR(Order Date)' field. The view is a table titled 'Running Total'. The table has three columns: 'Year of Order Date', 'Running Sum of Sales along Table (Down)', and 'Sales'. The data is organized by year from 2014 to 2017. The 'Running Sum of Sales along Table (Down)' column shows the cumulative sales up to each year.

Year of Order Date	Running Sum of Sales along Table (Down)	Sales
2014	484,247	484,247
2015	954,780	470,533
2016	1,563,986	609,206
2017	2,297,201	733,215

PERCENT OF TOTAL



RANK

