

# DATA ANALYTICS ASSIGNMENT 3

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20NN1A05I2

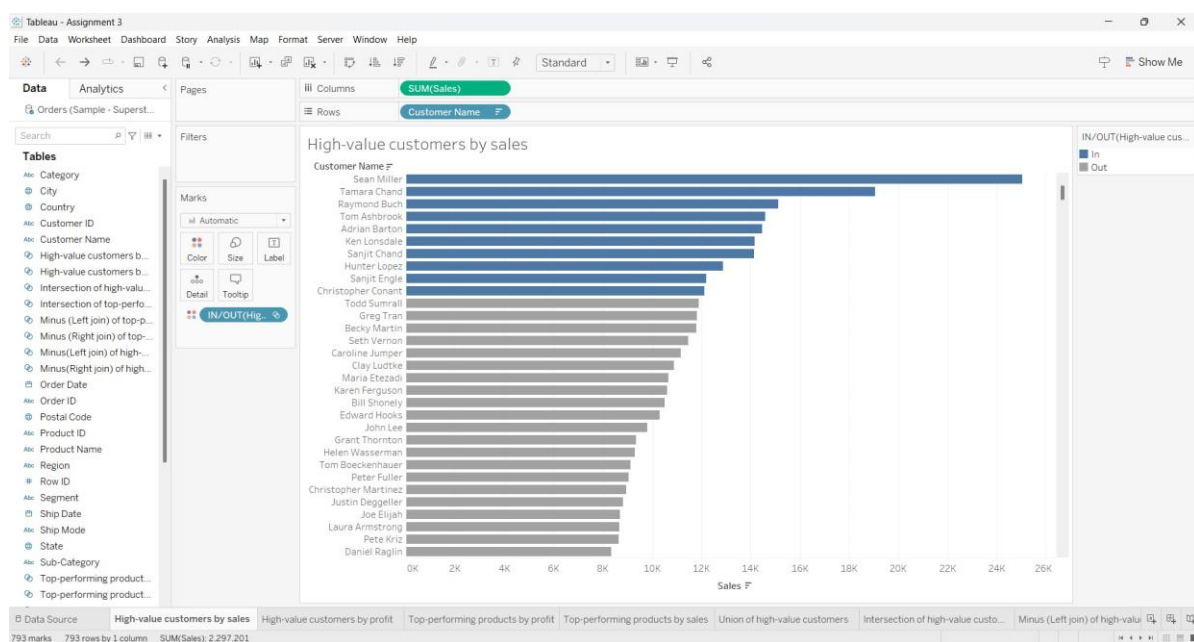
IV B.TECH (CSE)

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

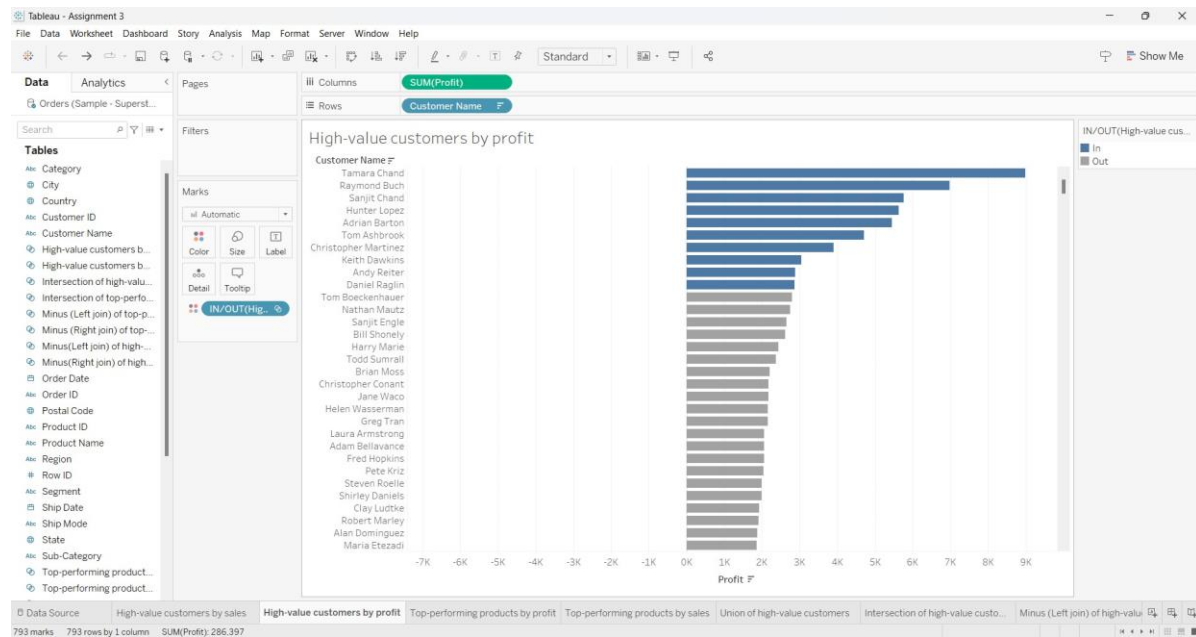
**DATASET :**  **Sample - Superstore.xls**

- 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

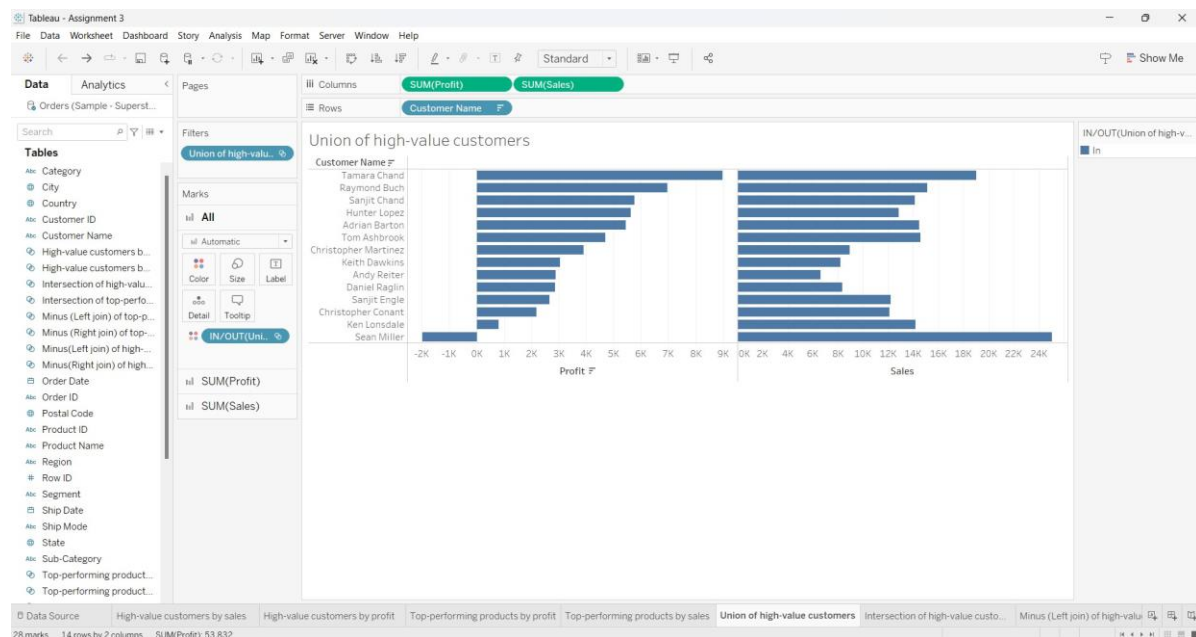
## HIGH-VALUE CUSTOMERS BY SALES



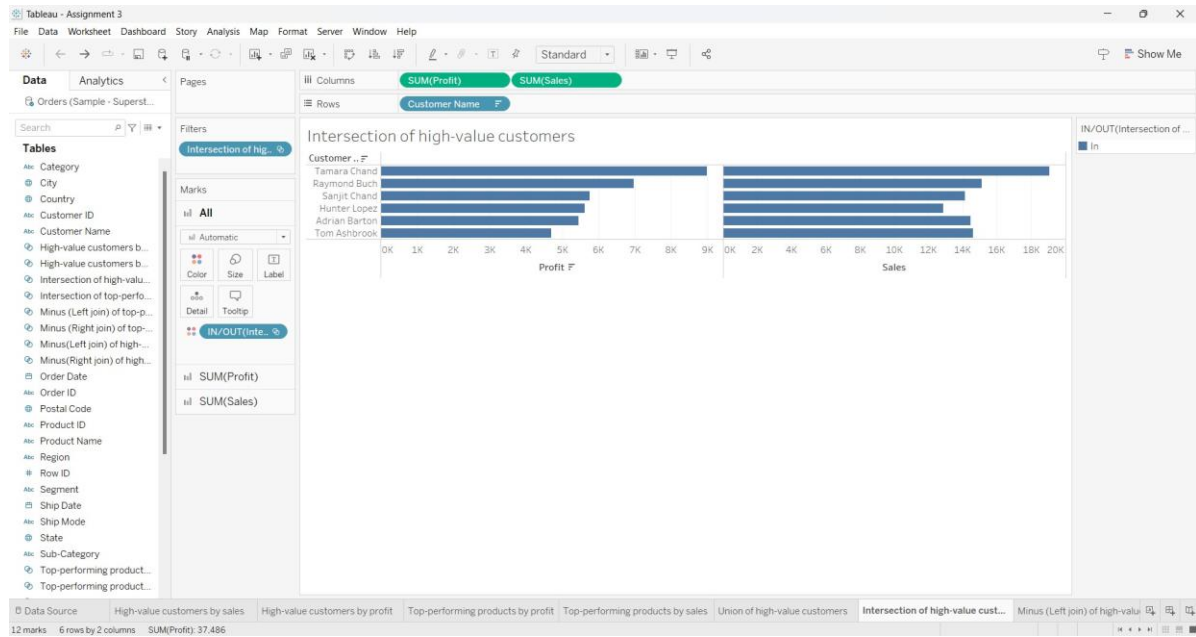
## HIGH-VALUE CUSTOMERS BY PROFIT



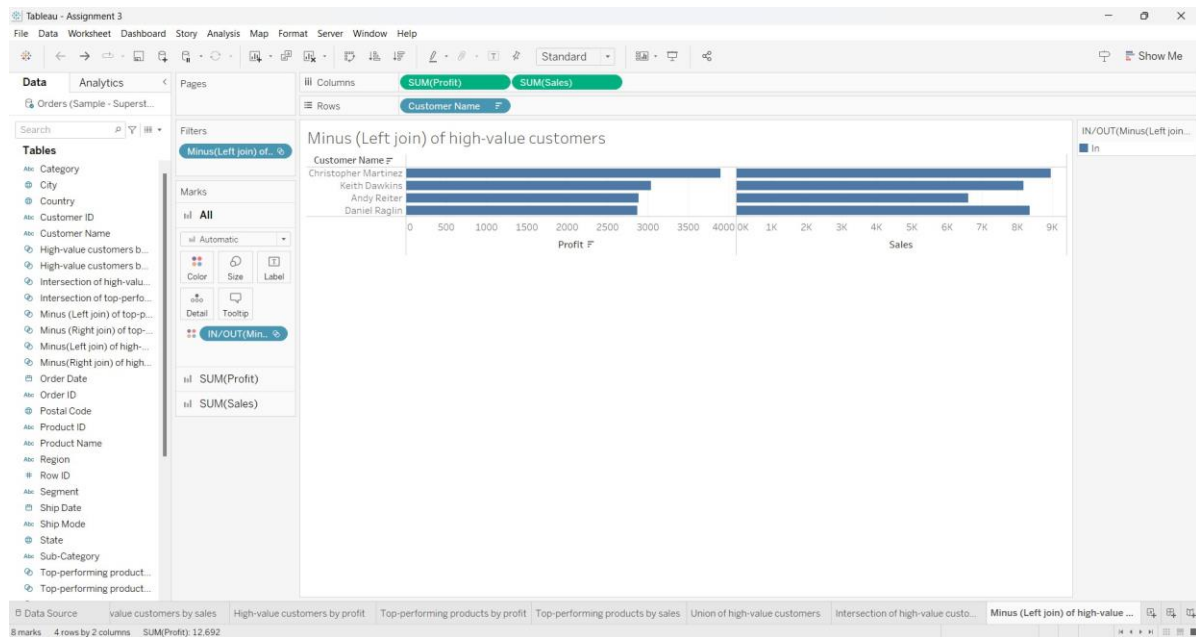
## UNION OF HIGH-VALUE CUSTOMERS



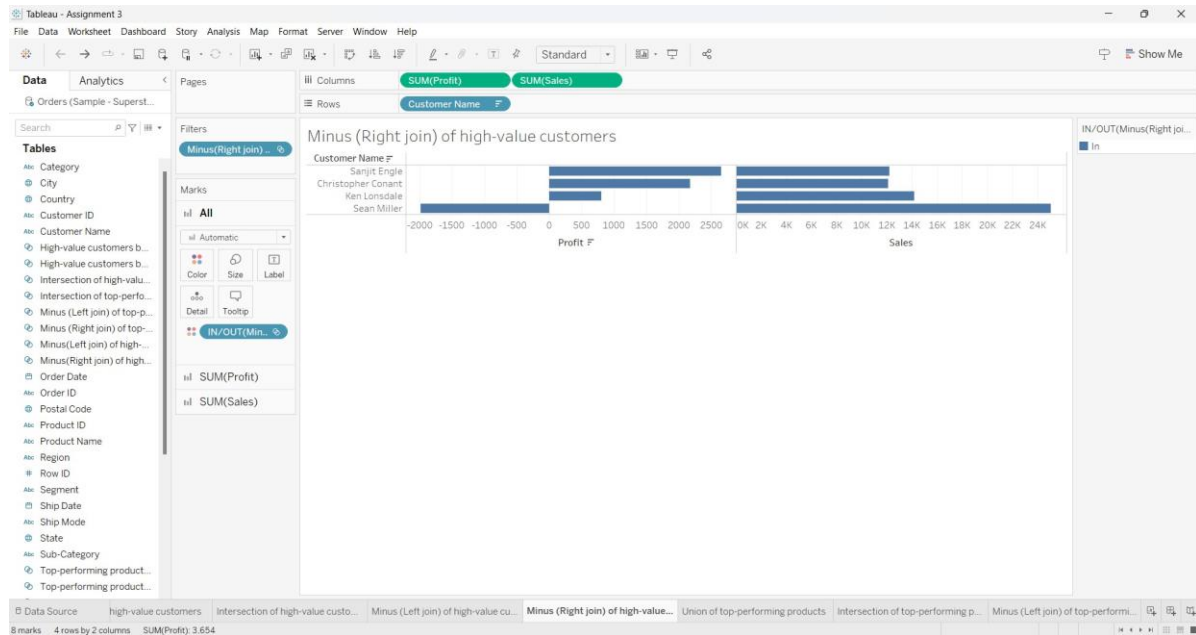
# INTERSECTION OF HIGH-VALUE CUSTOMERS



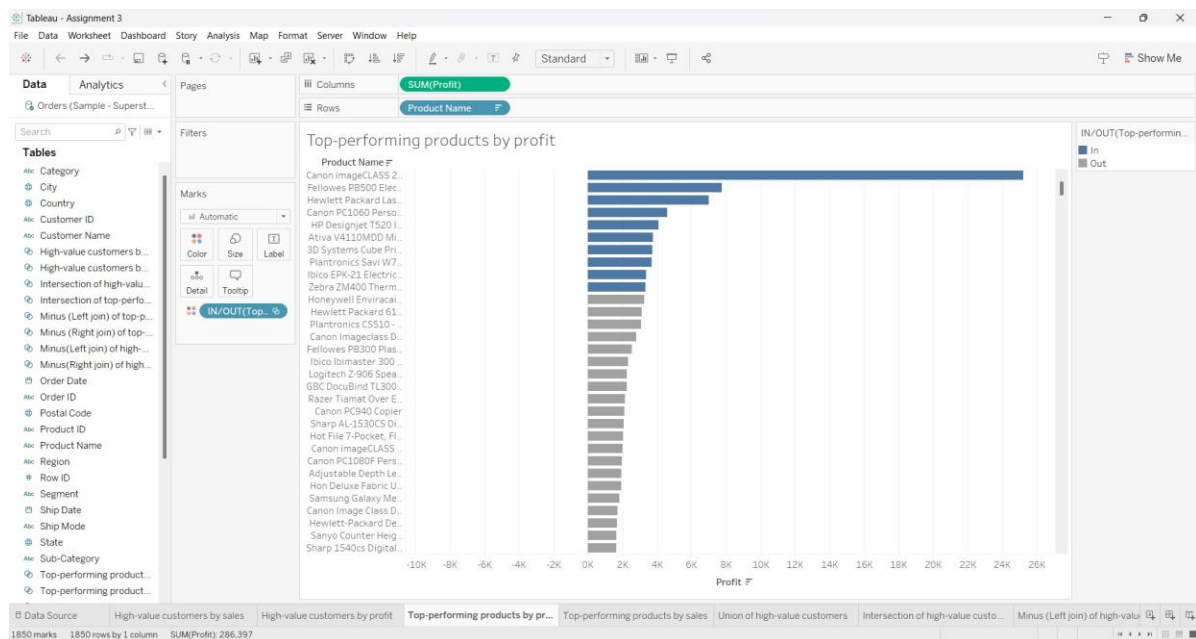
# MINUS (LEFT JOIN) OF HIGH-VALUE CUSTOMERS



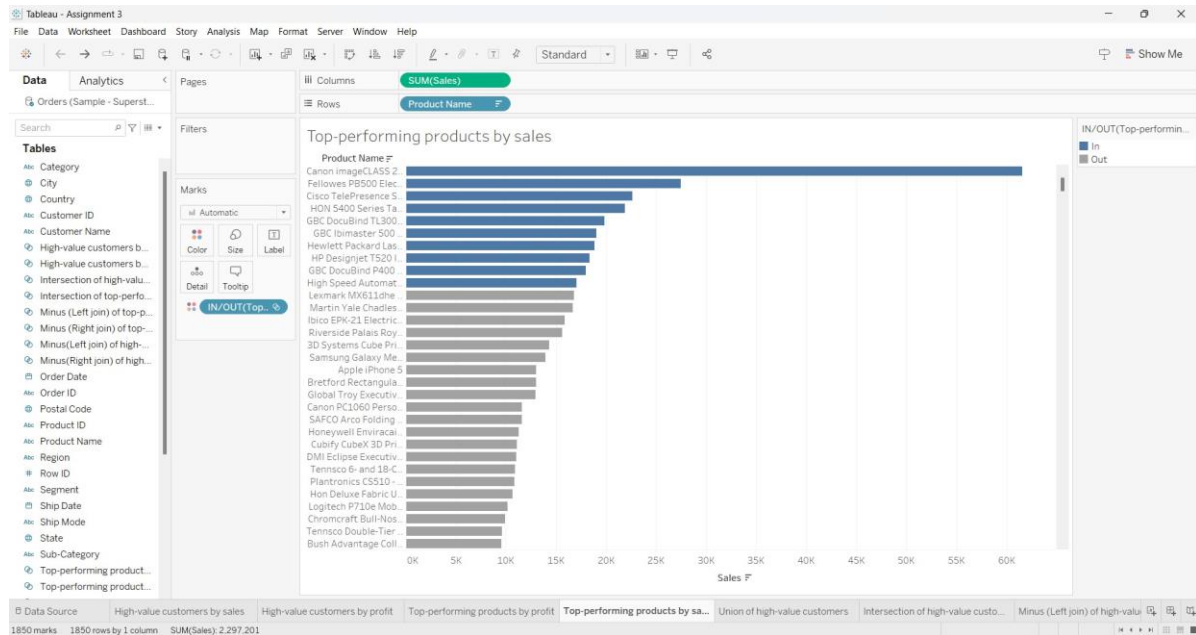
## MINUS (RIGHT JOIN) OF HIGH-VALUE CUSTOMERS



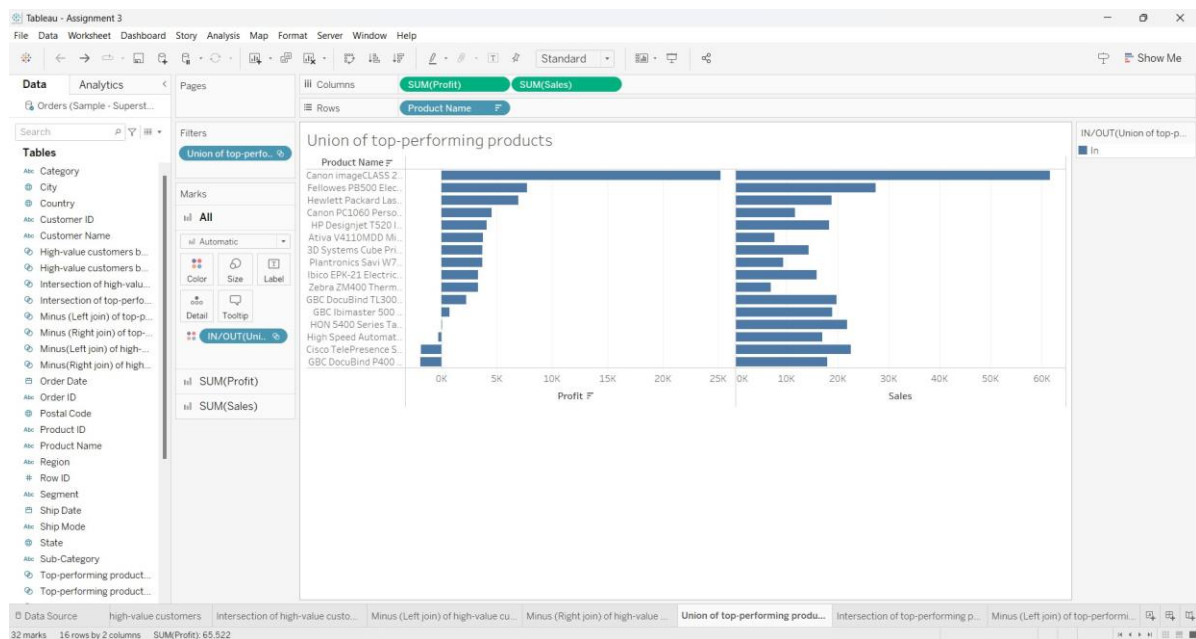
## TOP-PERFORMING PRODUCTS BY PROFIT



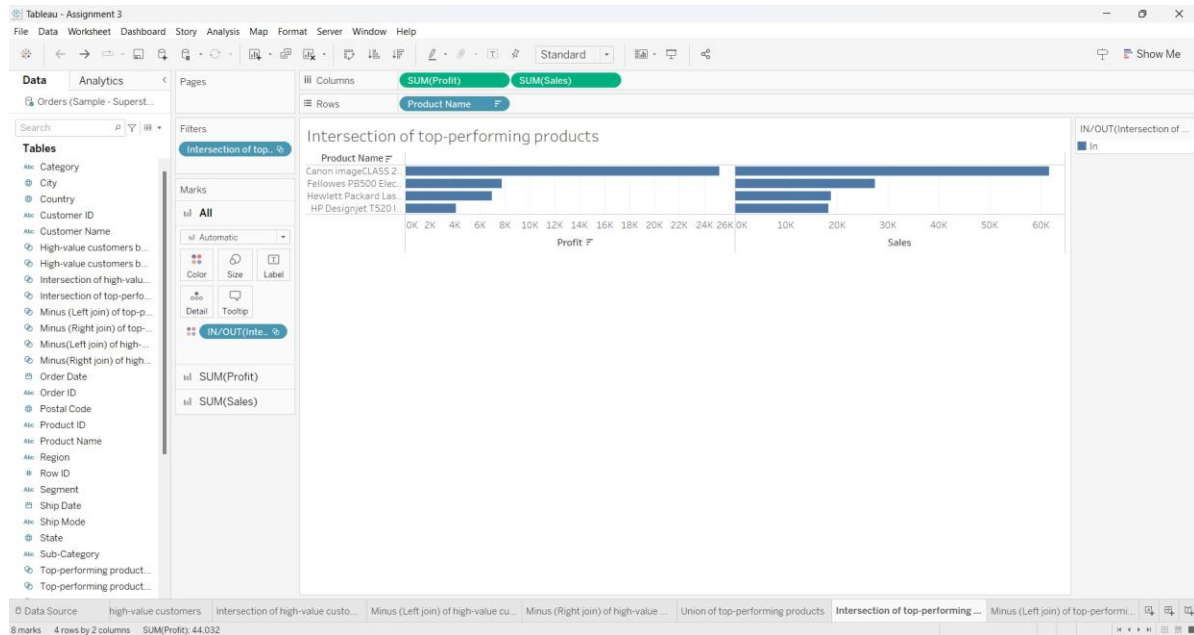
# TOP-PERFORMING PRODUCTS BY SALES



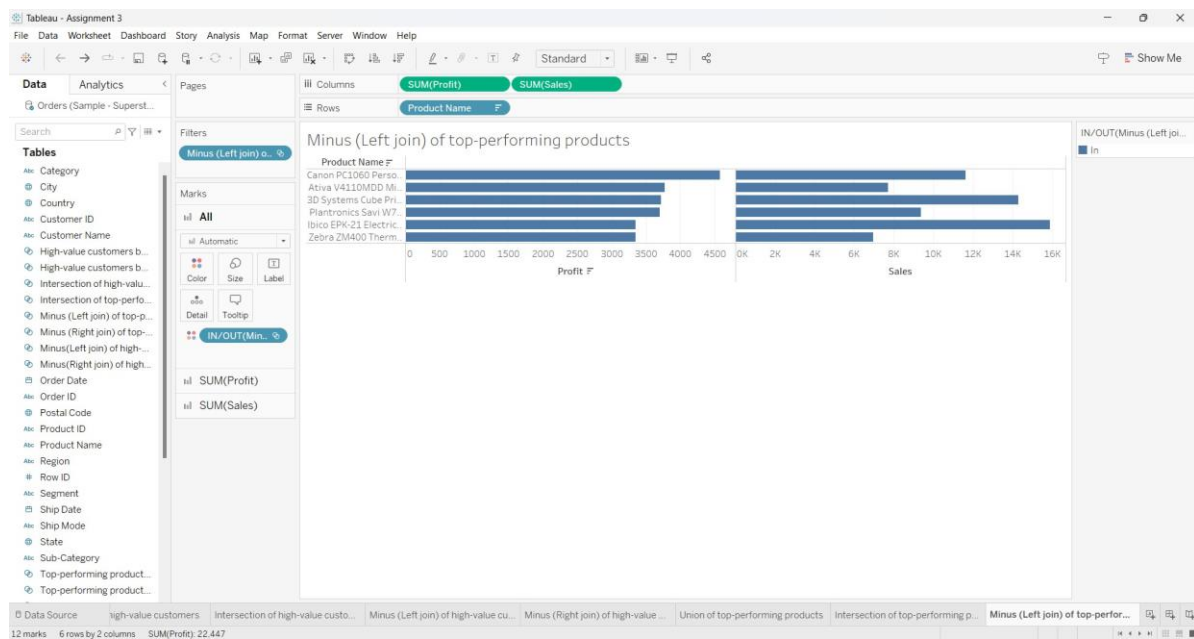
# UNION OF TOP-PERFORMING PRODUCTS



# INTERSECTION OF TOP-PERFORMING PRODUCTS

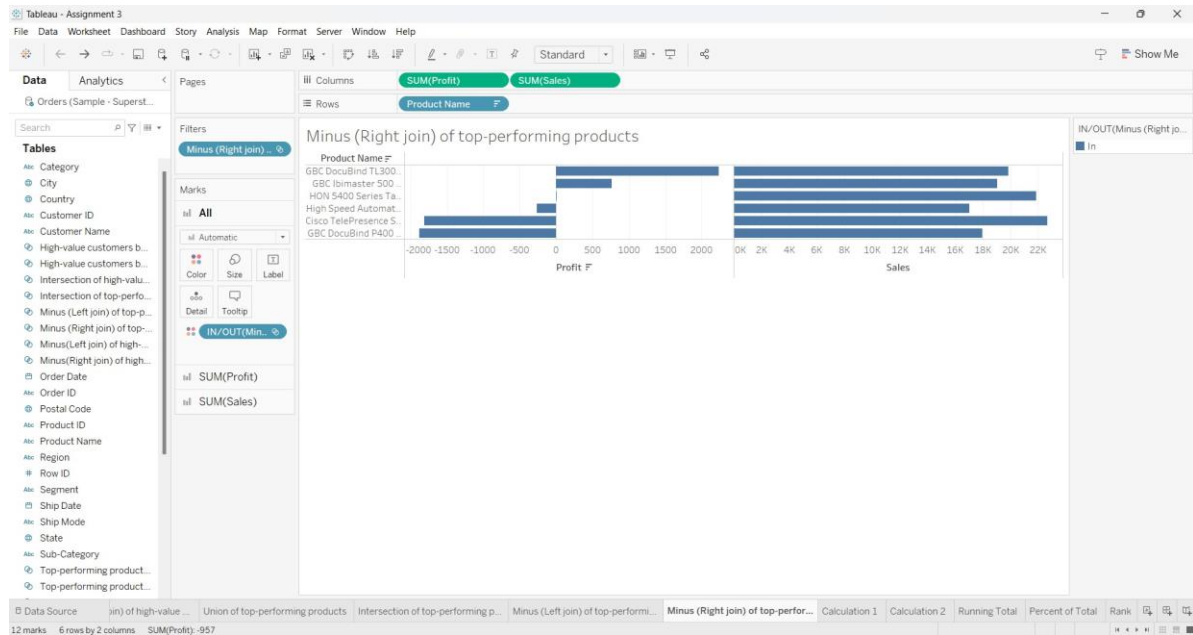


# MINUS (LEFT JOIN) OF TOP-PERFORMING PRODUCTS

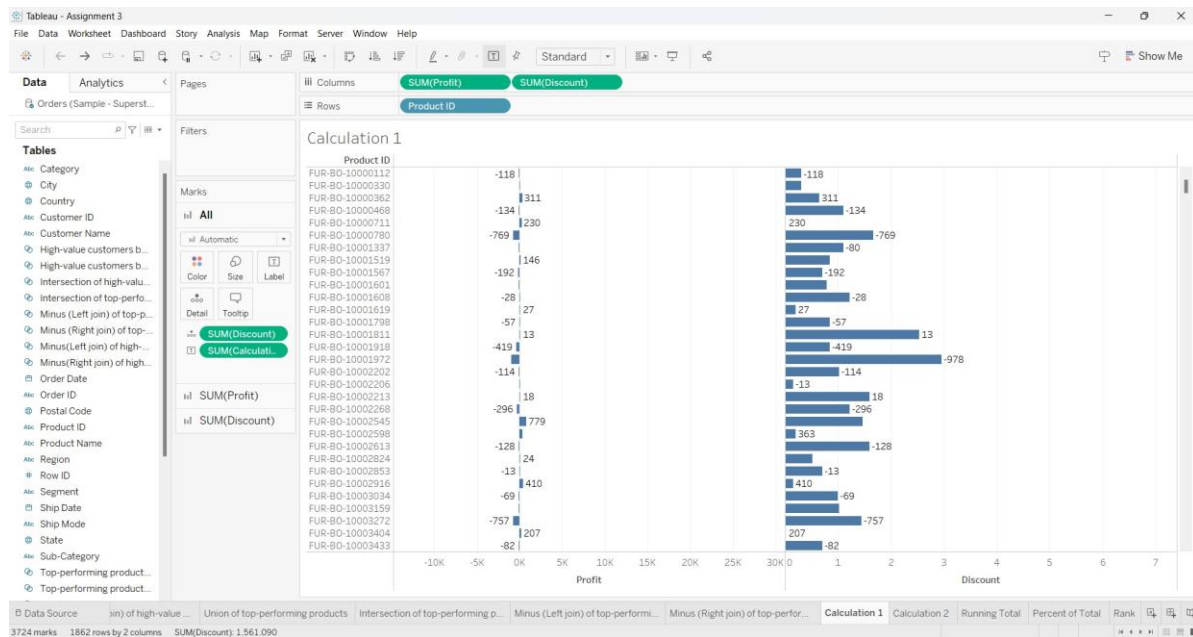




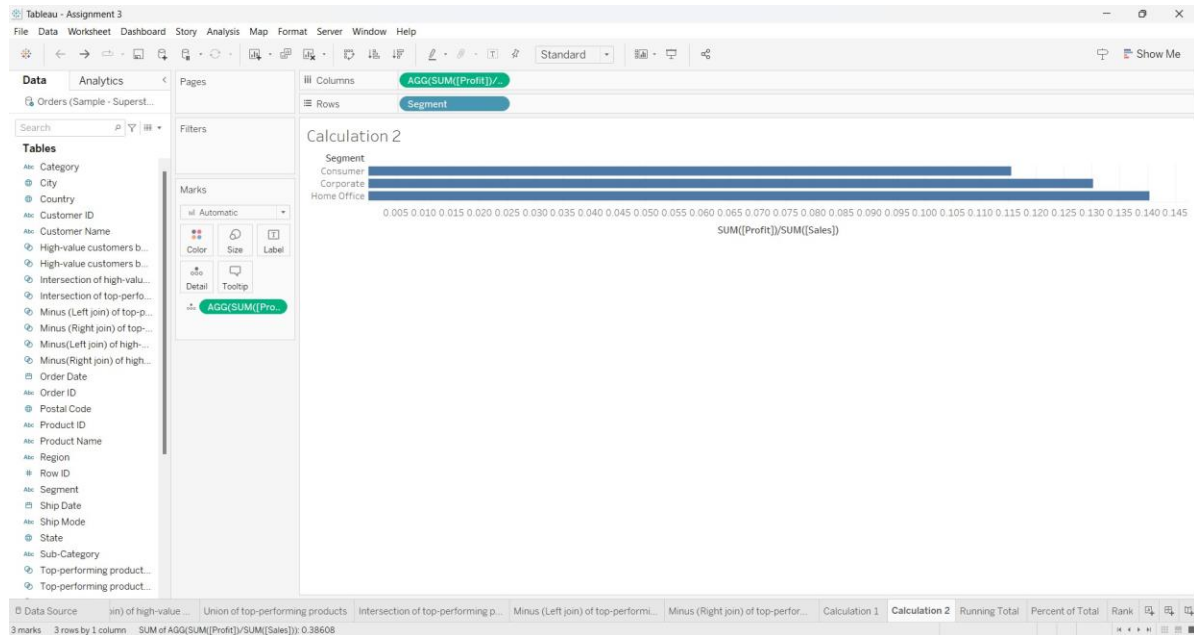
## MINUS (RIGHT JOIN) OF TOP-PERFORMING PRODUCTS



## CALCULATED FIELD - 1



## CALCULATED FIELD - 2



## QUICK TABLE CALCULATIONS:

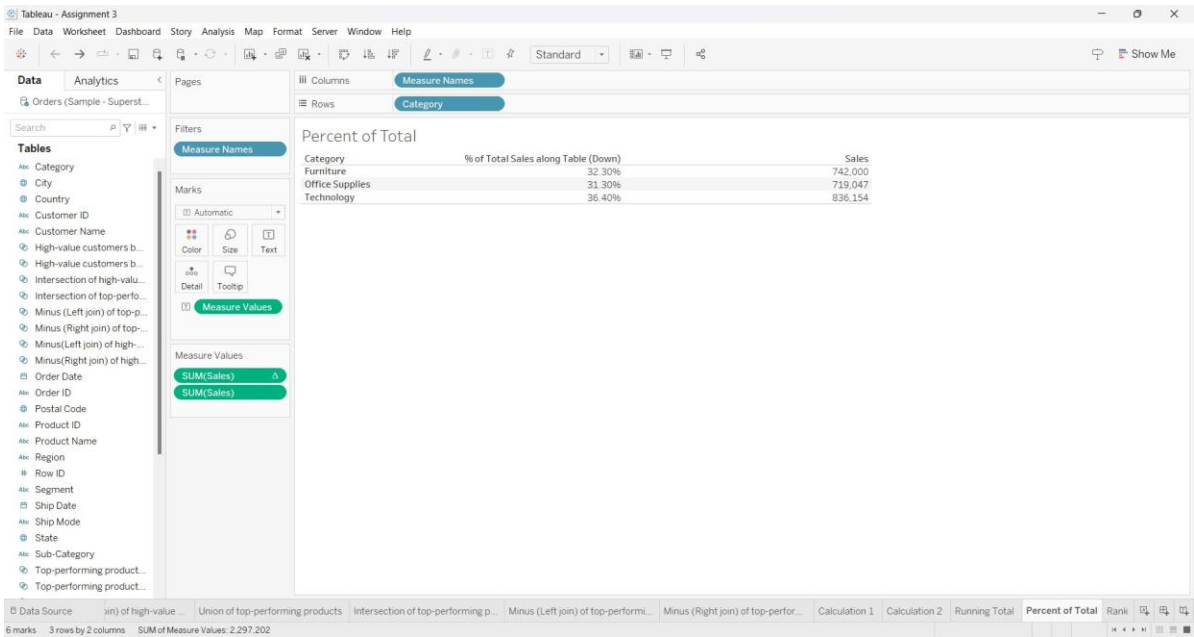
## RUNNING TOTAL

The screenshot shows a Tableau worksheet titled 'Tableau - Assignment 3'. The Columns shelf contains 'Measure Names' and the Rows shelf contains 'YEAR(Order Date)'. The view is a table titled 'Running Total' showing the running sum of sales over time. The table has three columns: 'Year of Order Date', 'Running Sum of Sales along Table (Down)', and 'Sales'. The data is for the years 2014, 2015, 2016, and 2017.

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

