

# DATA ANALYTICS ASSIGNMENT 3

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20NN1A0542

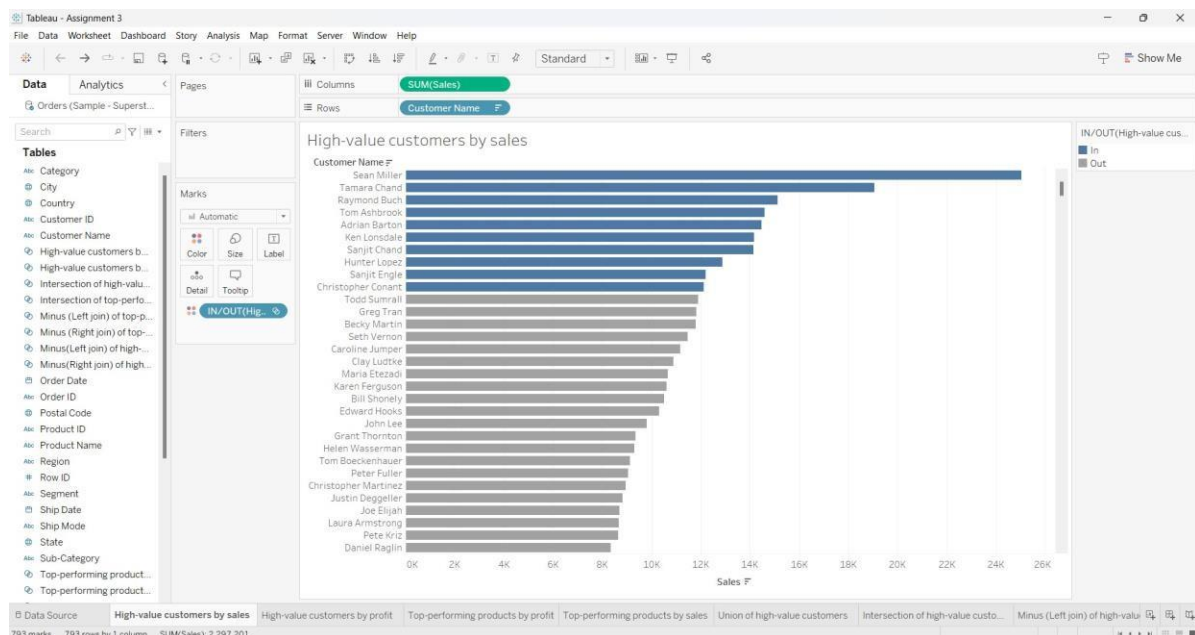
IV B.TECH (CSE)

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

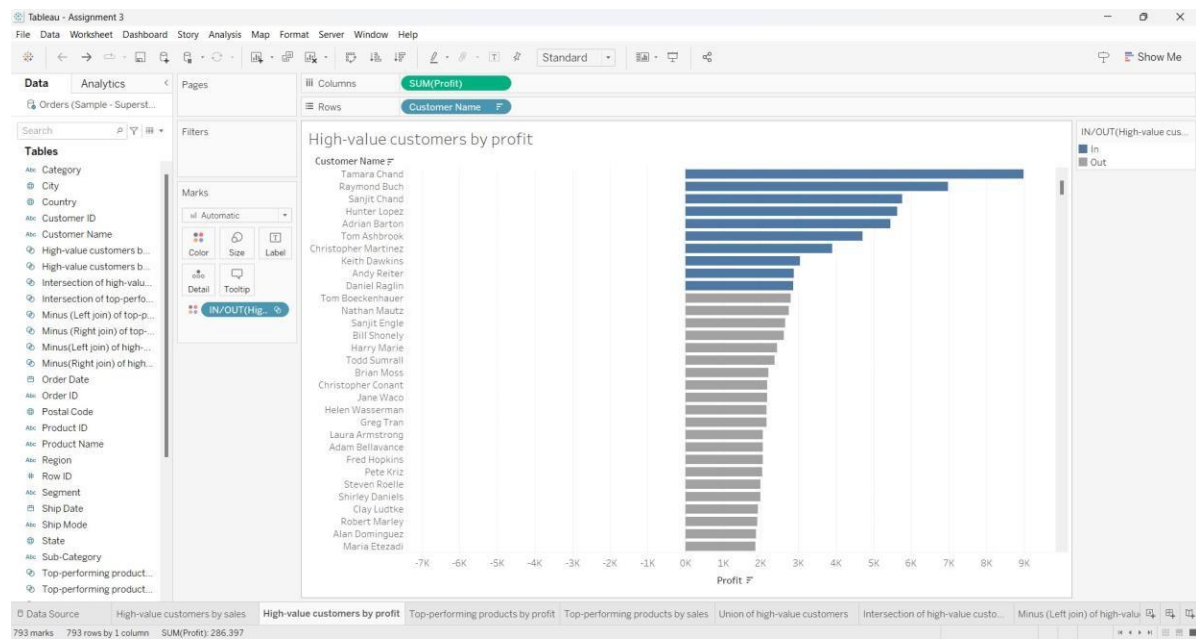
**DATASET :**  Sample - Superstore.xls

- 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

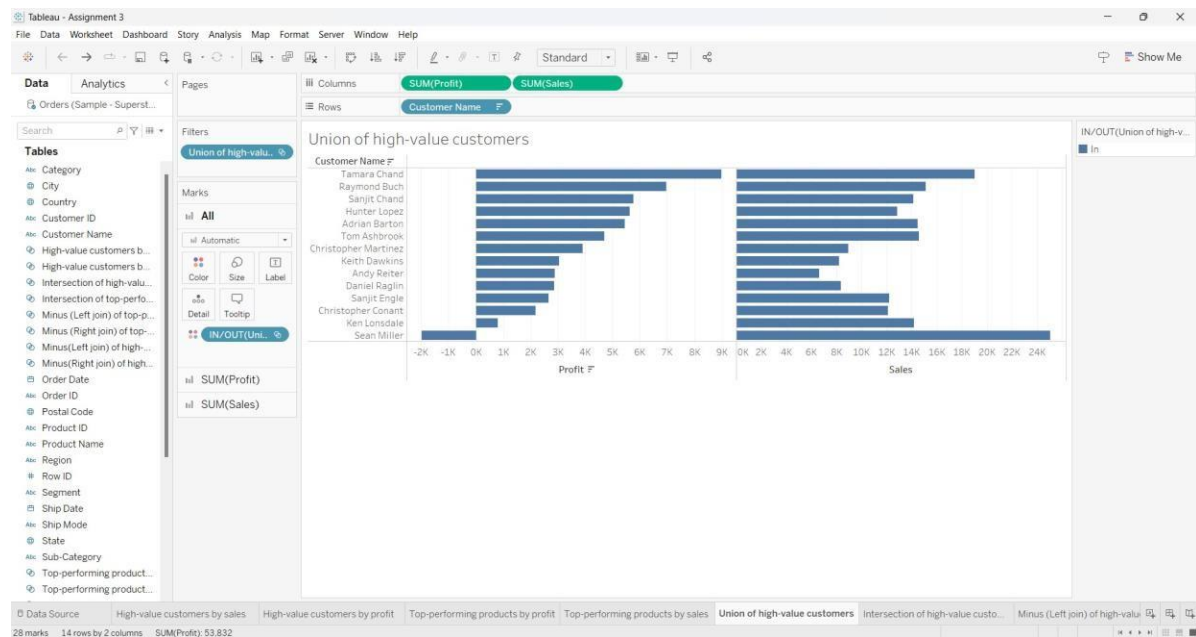
## HIGH-VALUE CUSTOMERS BY SALES



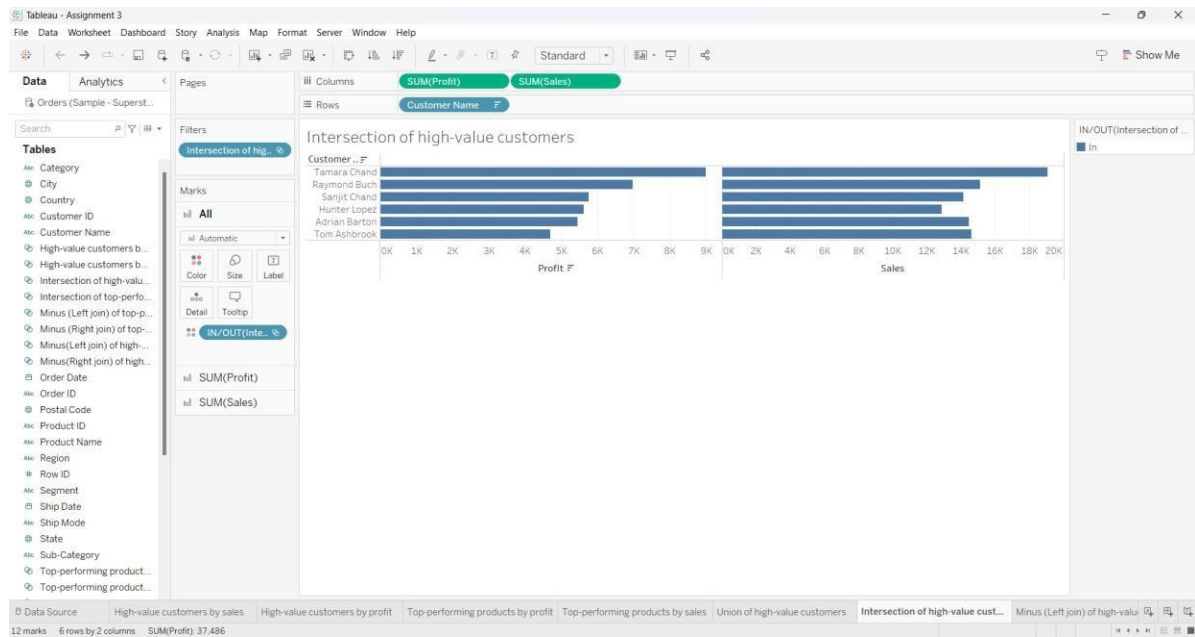
# HIGH-VALUE CUSTOMERS BY PROFIT



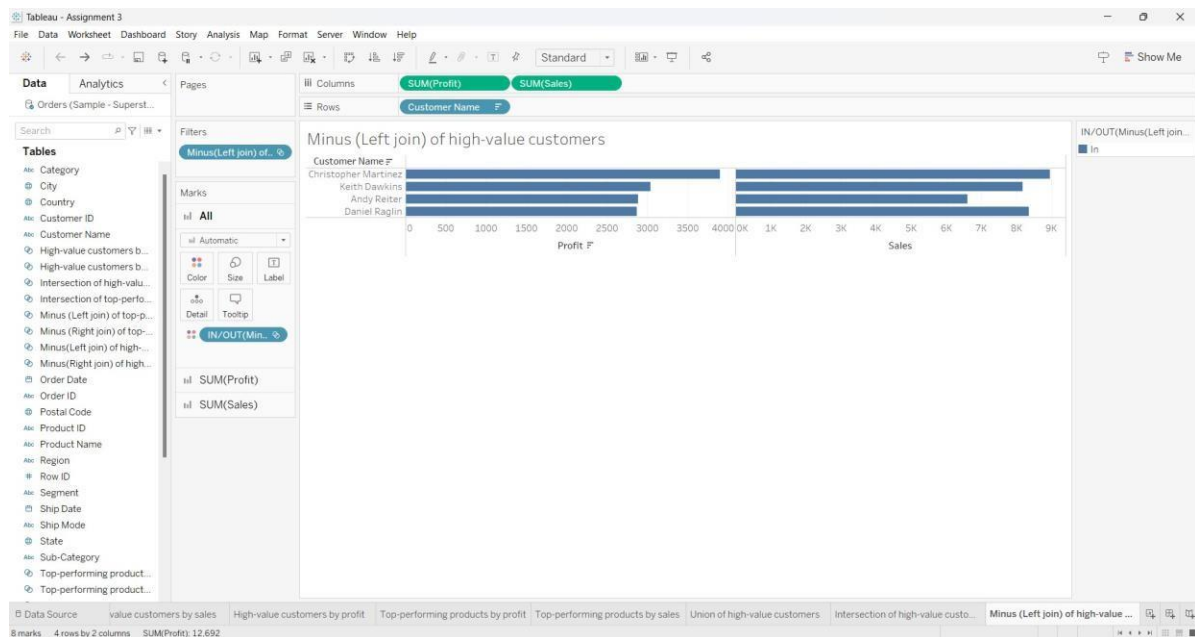
# UNION OF HIGH-VALUE CUSTOMERS



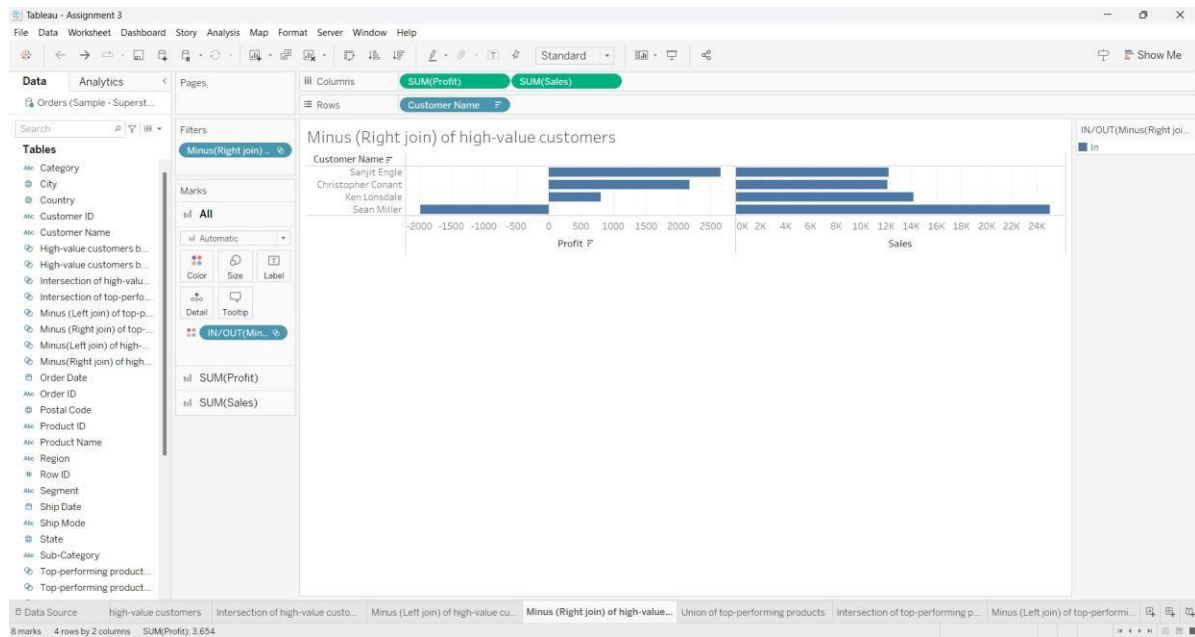
# INTERSECTION OF HIGH-VALUE CUSTOMERS



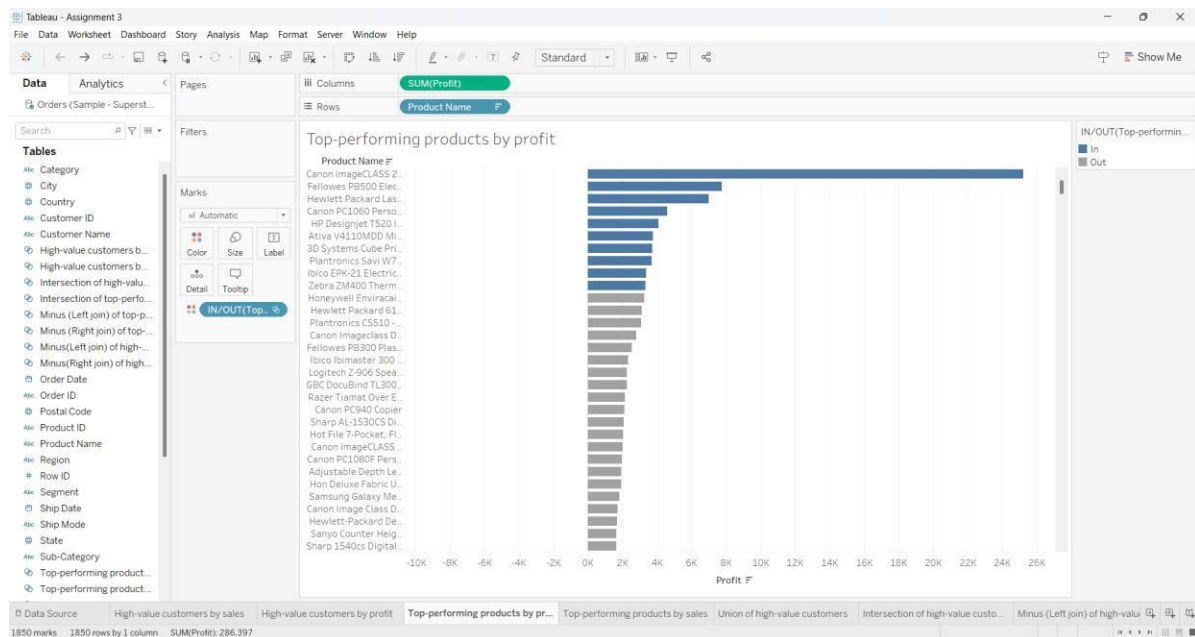
# MINUS (LEFT JOIN) OF HIGH-VALUE CUSTOMERS



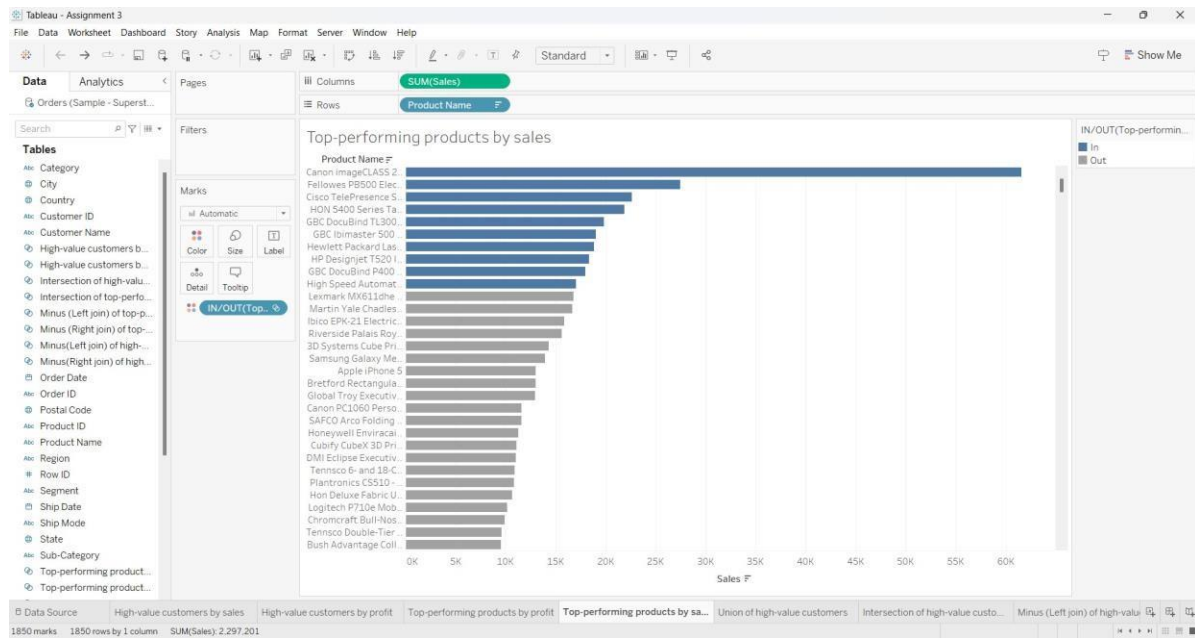
## MINUS (RIGHT JOIN) OF HIGH-VALUE CUSTOMERS



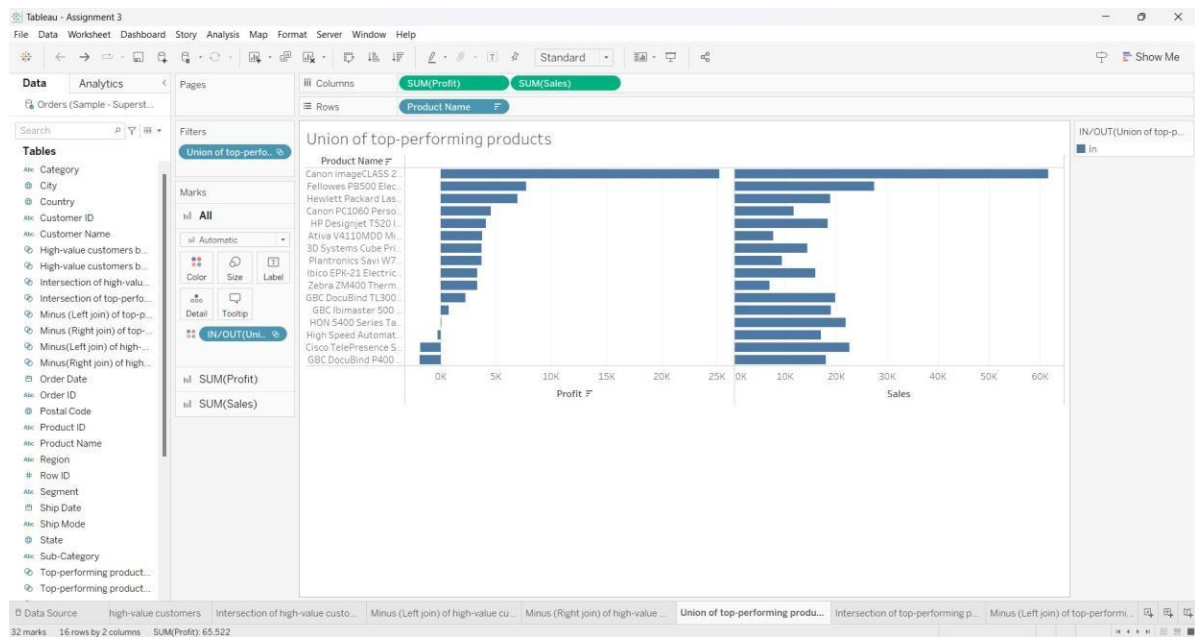
## TOP-PERFORMING PRODUCTS BY PROFIT



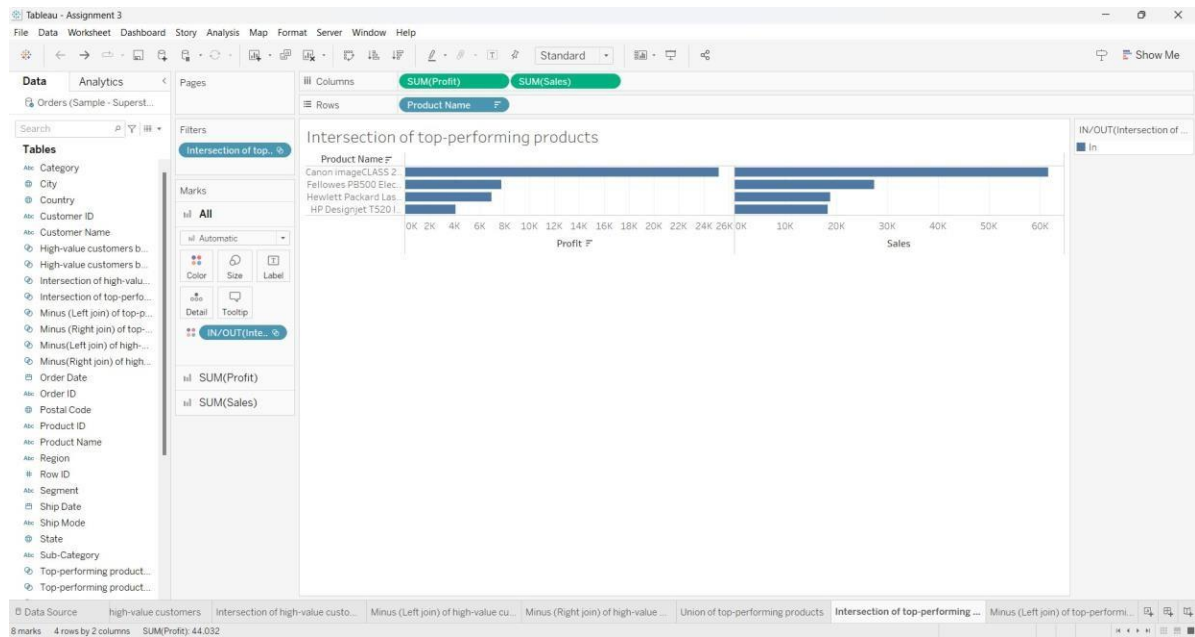
# TOP-PERFORMING PRODUCTS BY SALES



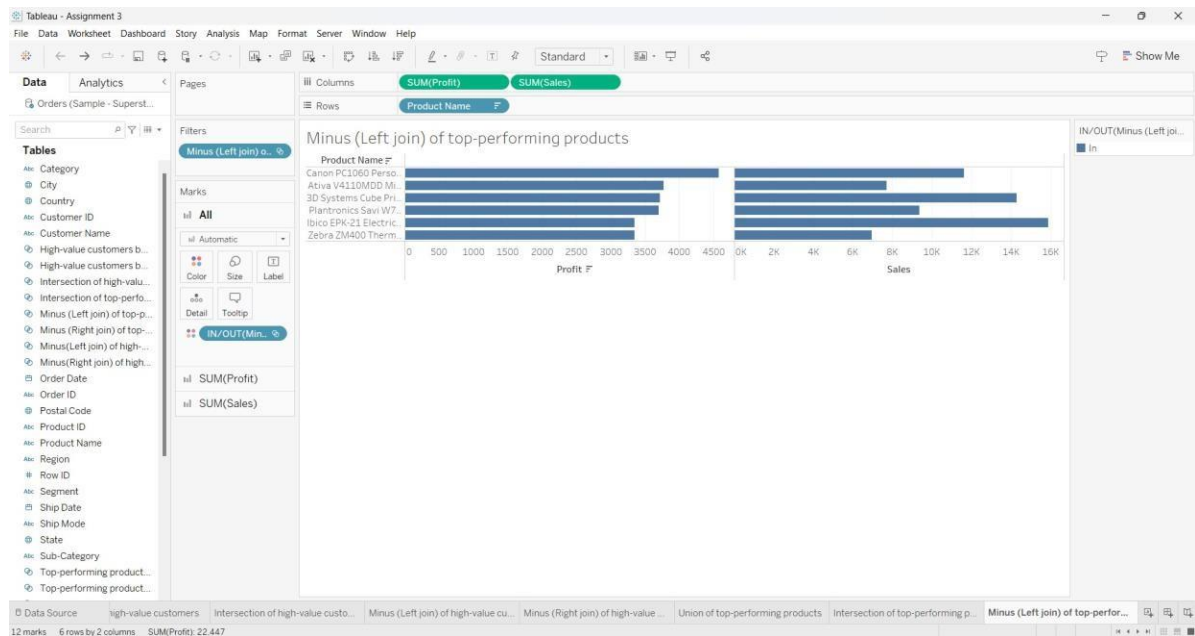
# UNION OF TOP-PERFORMING PRODUCTS



# INTERSECTION OF TOP-PERFORMING PRODUCTS

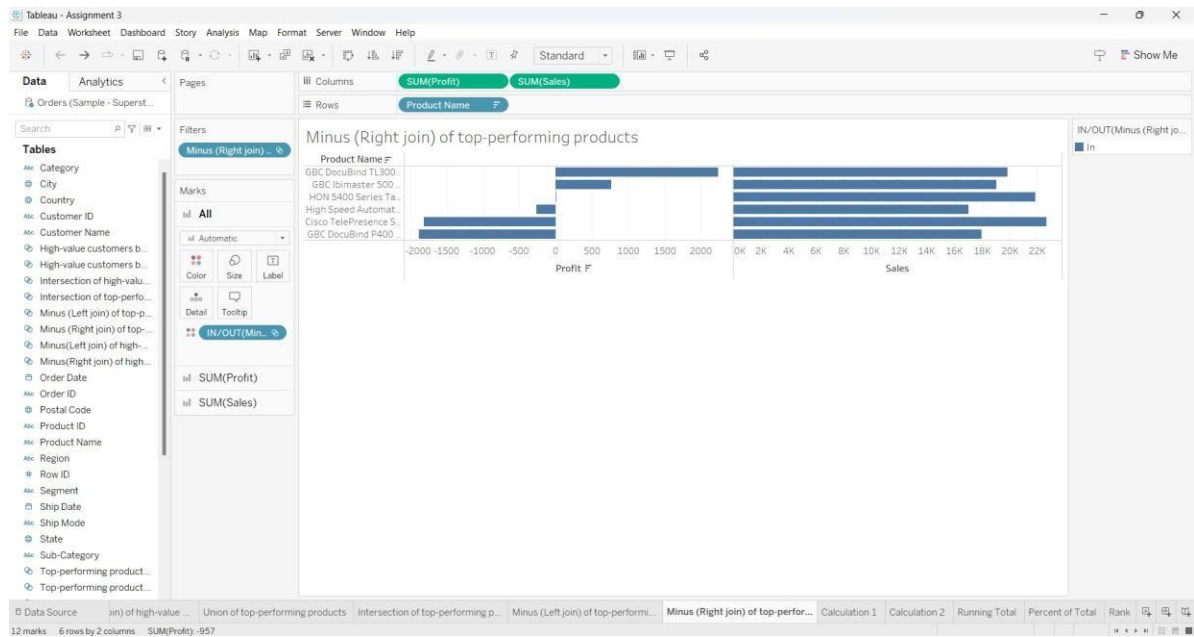


# MINUS (LEFT JOIN) OF TOP-PERFORMING PRODUCTS

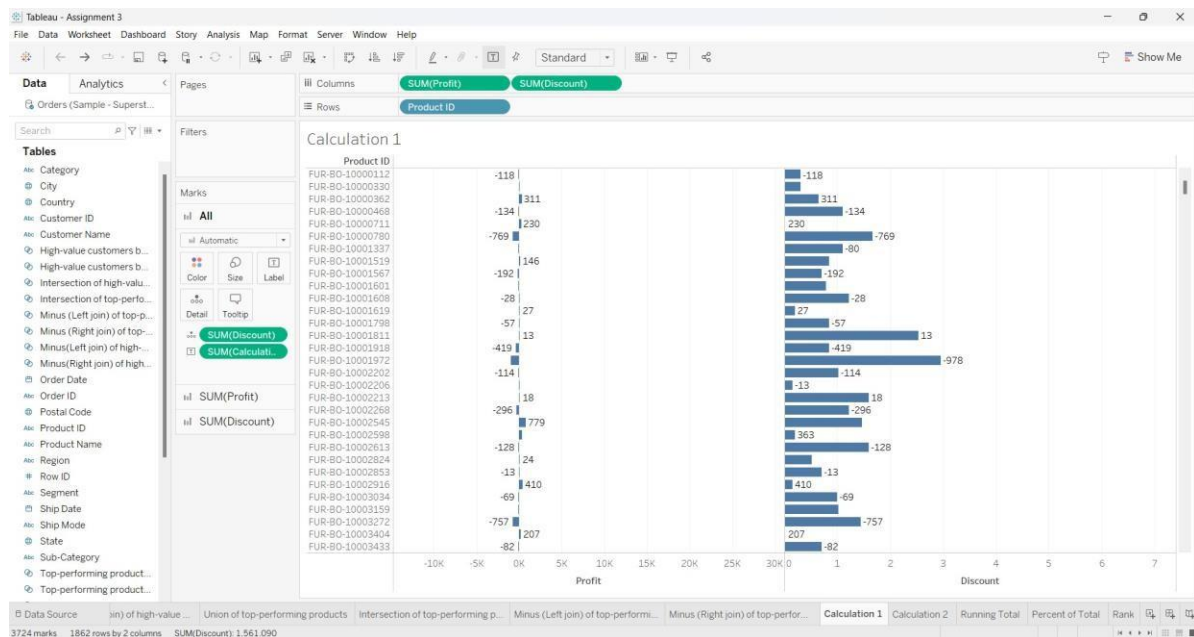




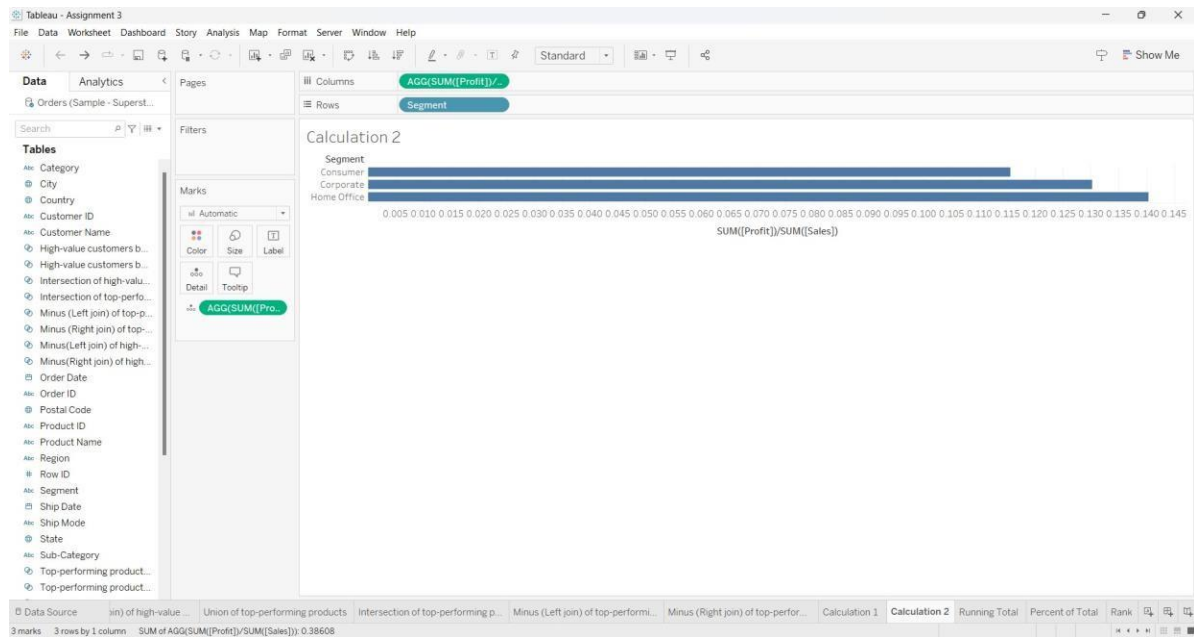
## MINUS (RIGHT JOIN) OF TOP-PERFORMING PRODUCTS



## CALCULATED FIELD - 1



## CALCULATED FIELD - 2



## QUICK TABLE CALCULATIONS:

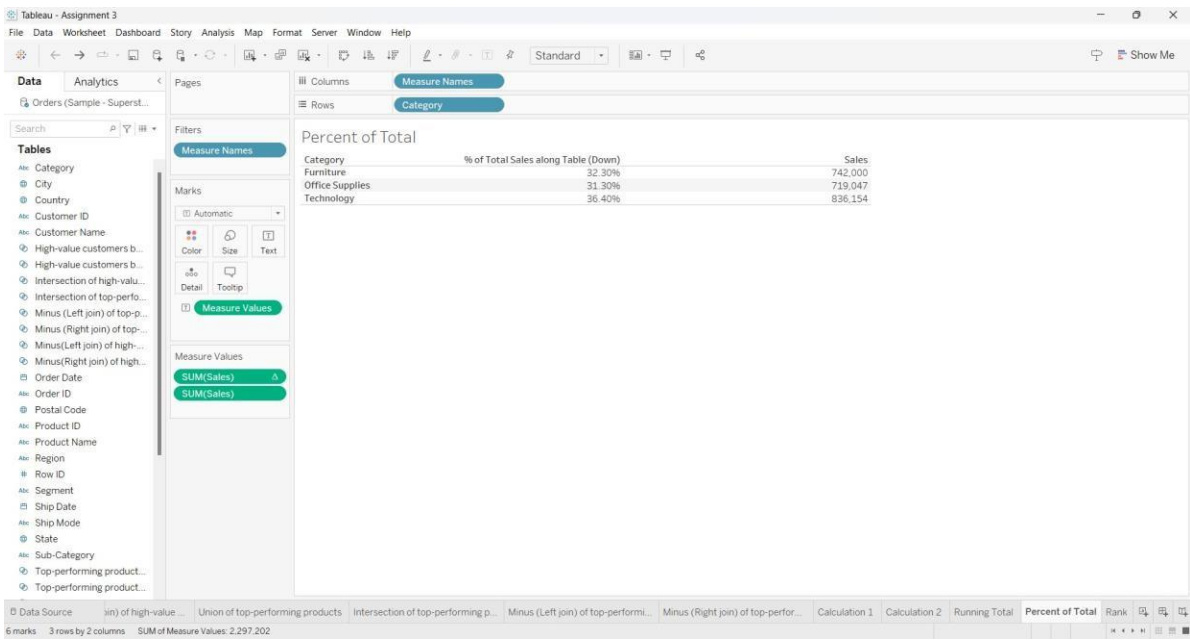
## RUNNING TOTAL

The screenshot shows a Tableau worksheet titled 'Tableau - Assignment 3'. The view is a table titled 'Running Total'. The columns shelf contains the dimension 'Measure Names' and the calculated field 'SUM([Sales])'. The rows shelf contains the dimension 'YEAR([Order Date])'. The table displays the running sum of sales for the years 2014, 2015, 2016, and 2017. The status bar at the bottom indicates '4 marks 4 rows by 2 columns SUM of Measure Values: 7.597.415'.

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

