

DATA ANALYTICS ASSIGNMENT 3

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20NN1A0528

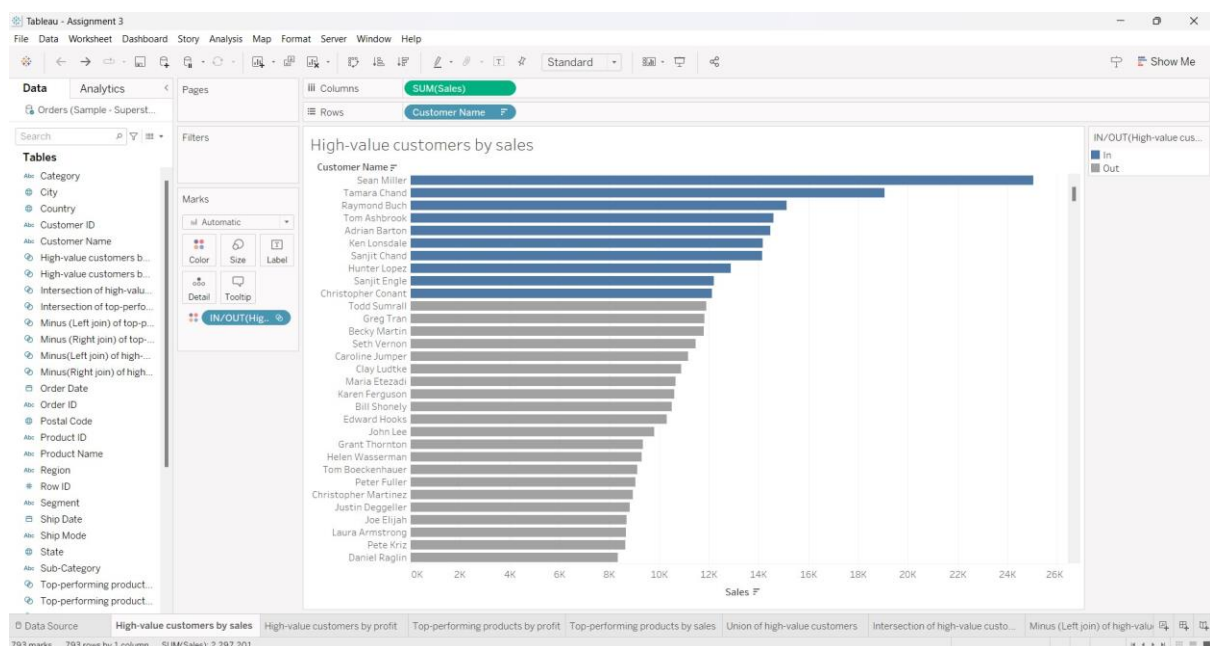
IV B.TECH (CSE)

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

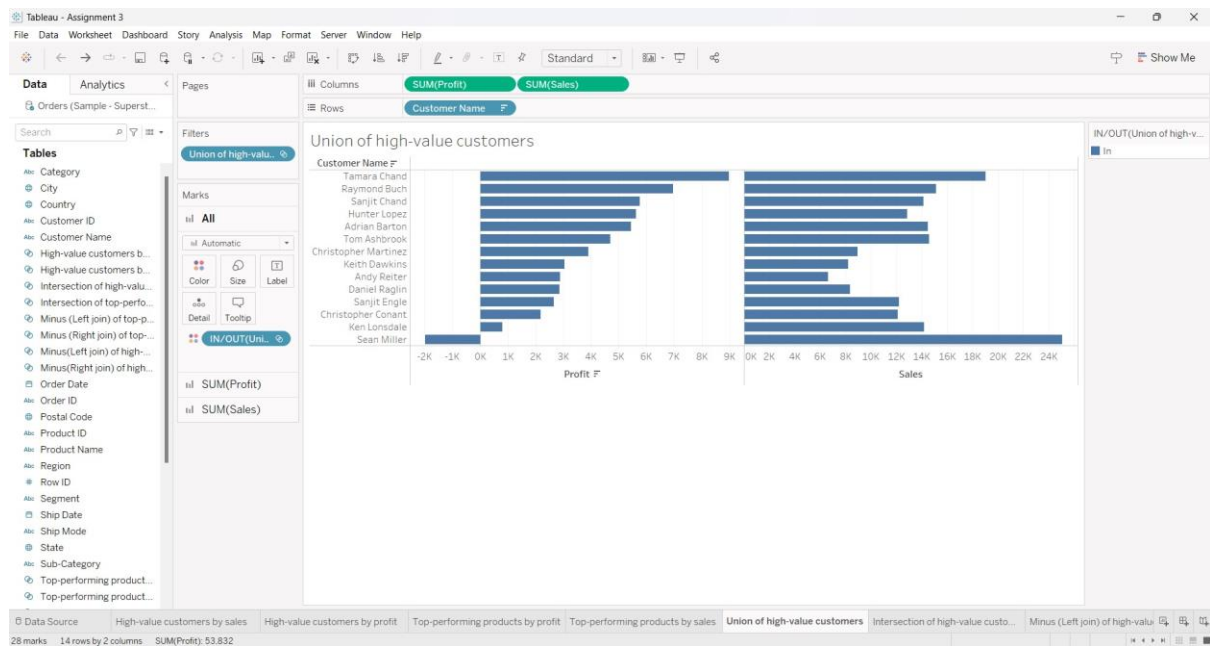
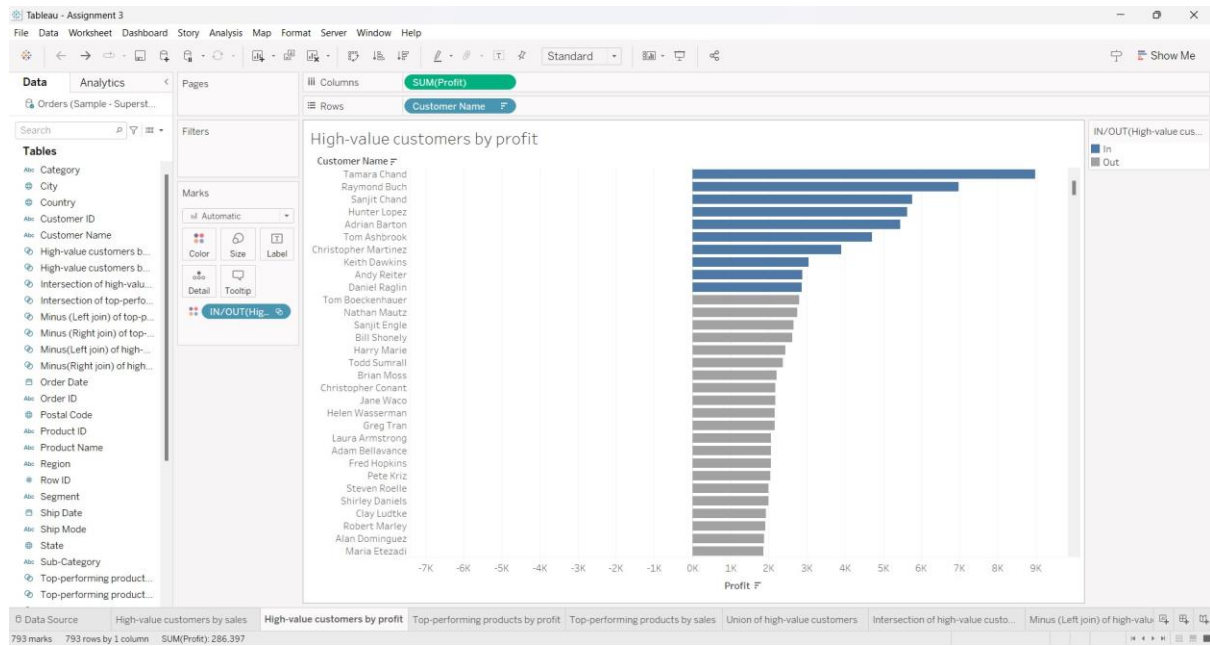
DATASET :  Sample - Superstore.xls

- 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

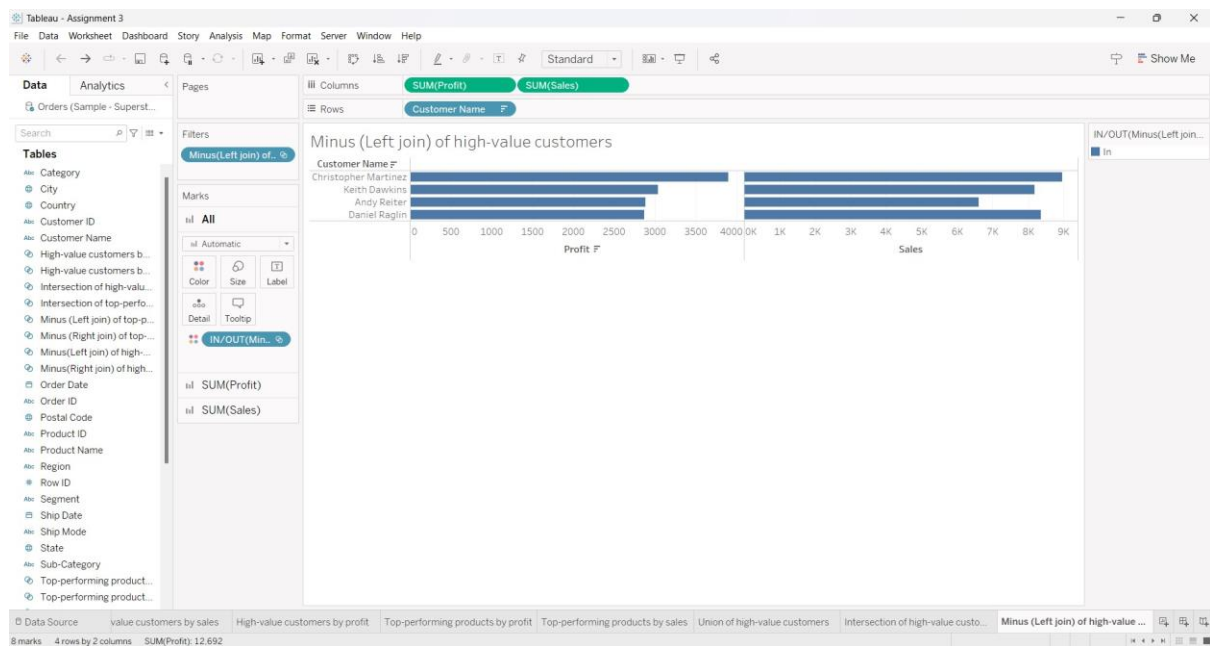
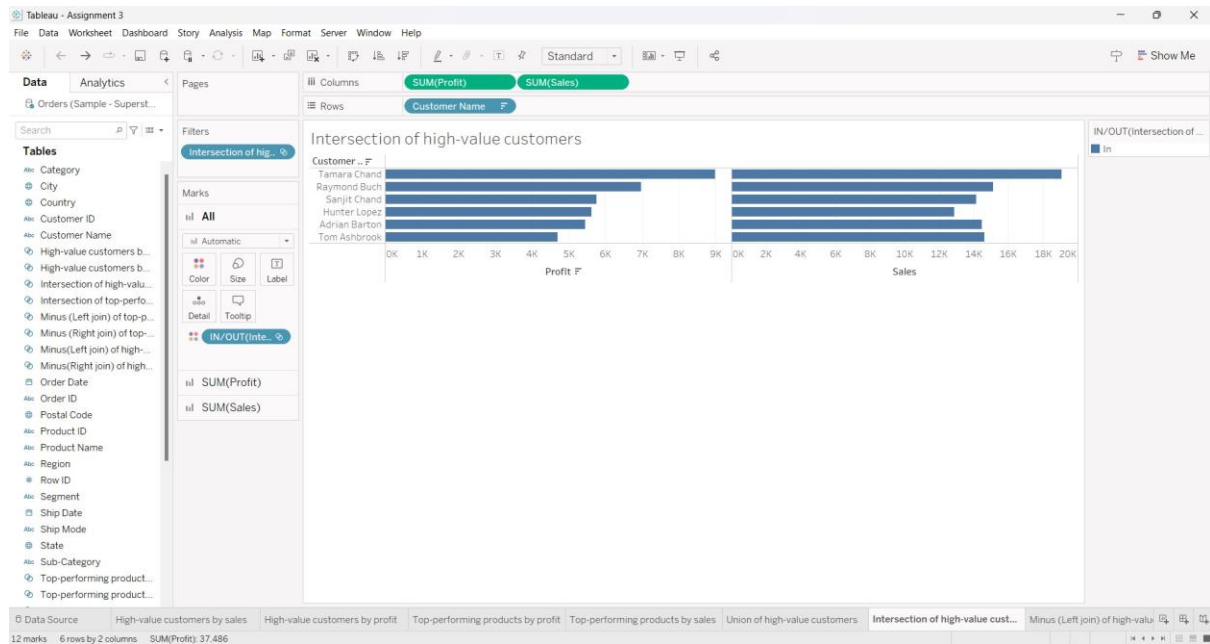


Tableau - Assignment 3

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Search Orders (Sample - Superst...)

Data Analytics Pages Columns Rows

Filters Minus(Right join) ...

Tables Category City Country Customer ID Customer Name High-value customers b... High-value customers b... Intersection of high-valu... Intersection of top-perfo... Minus (Left join) of top-p... Minus (Right join) of top-... Minus(Left join) of high-... Minus(Right join) of high-... Order Date Order ID Postal Code Product ID Product Name Region Row ID Segment Ship Date Ship Mode State Sub-Category Top-performing product... Top-performing product...

Columns SUM(Profit) SUM(Sales)

Rows Customer Name F

Minus (Right join) of high-value customers

Customer Name F

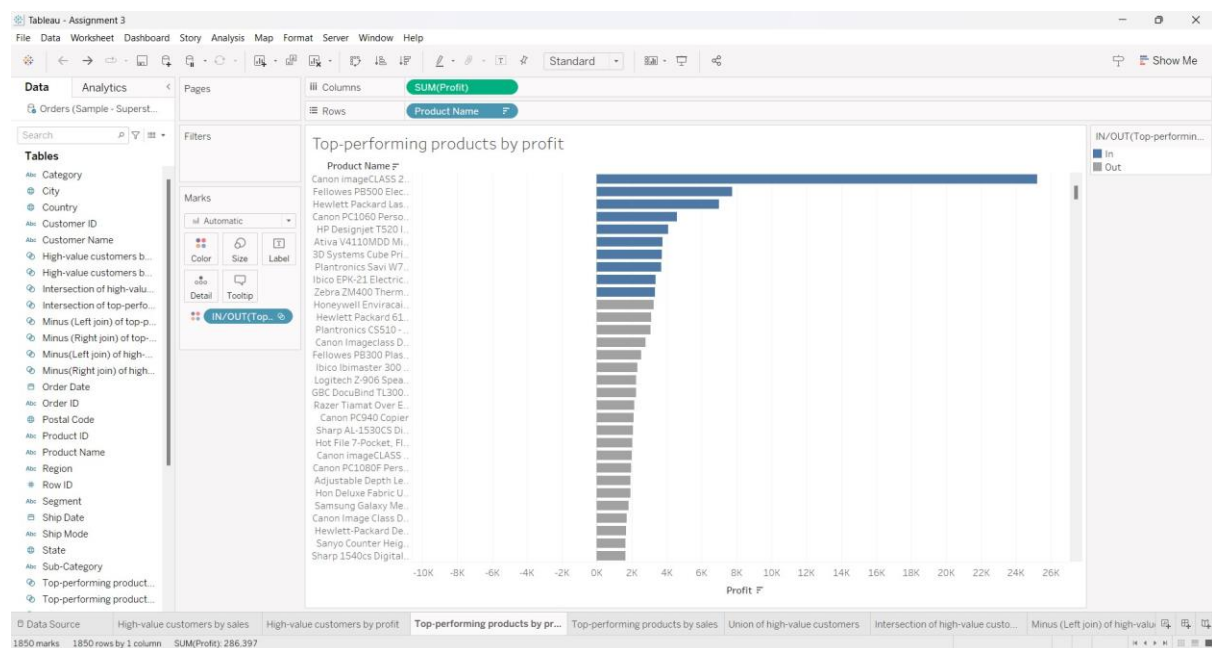
Customer Name	Profit (€)	Sales
Sanjit Engle	~2500	~12K
Christopher Conant	~2000	~10K
Ken Lonsdale	~800	~14K
Sean Miller	~-1800	~24K
In	-	-

Legend: IN/OUT(Minus(Right jo... In

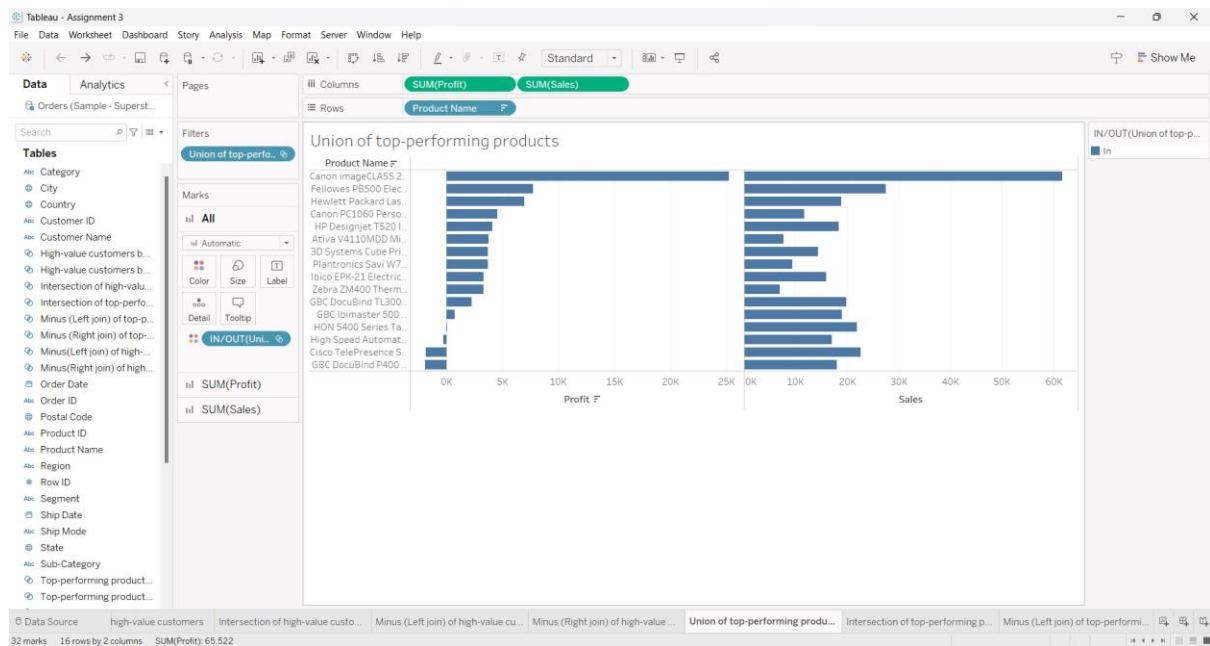
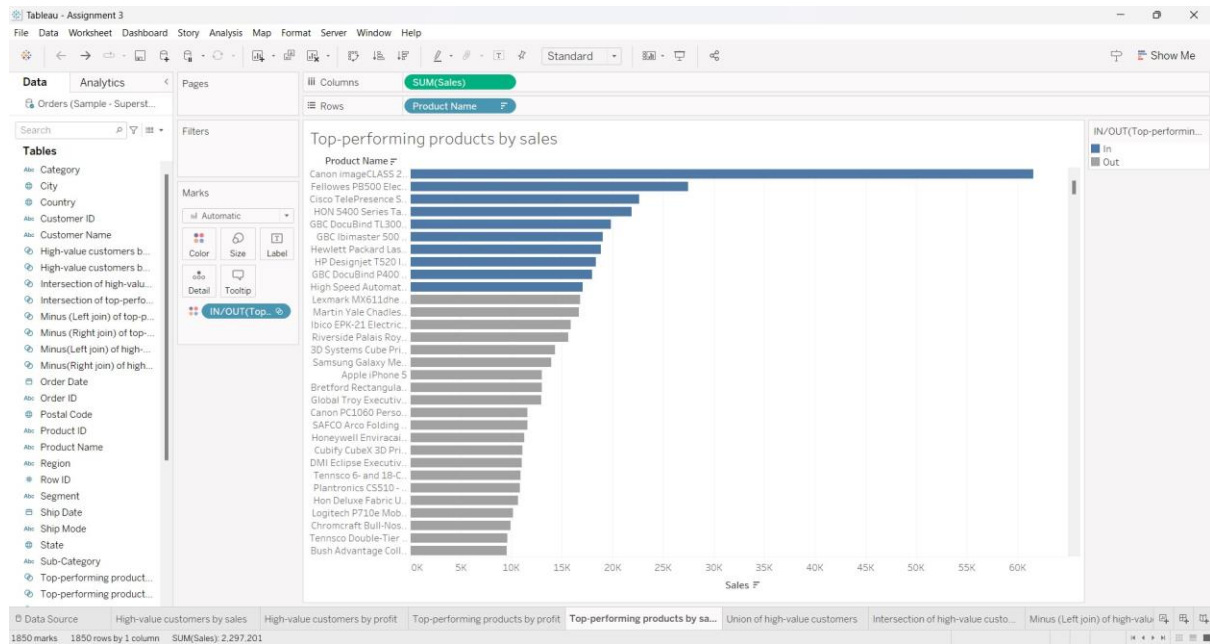
Profit € Sales

8 marks 4 rows by 2 columns SUM(Profit): 3,654

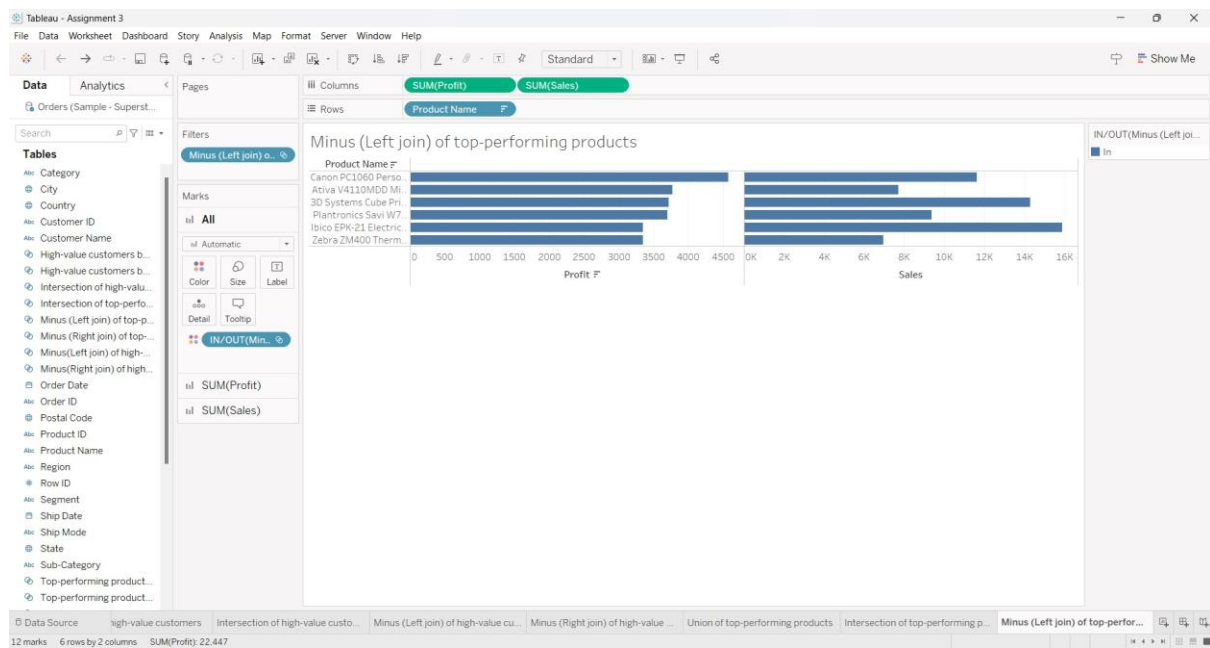
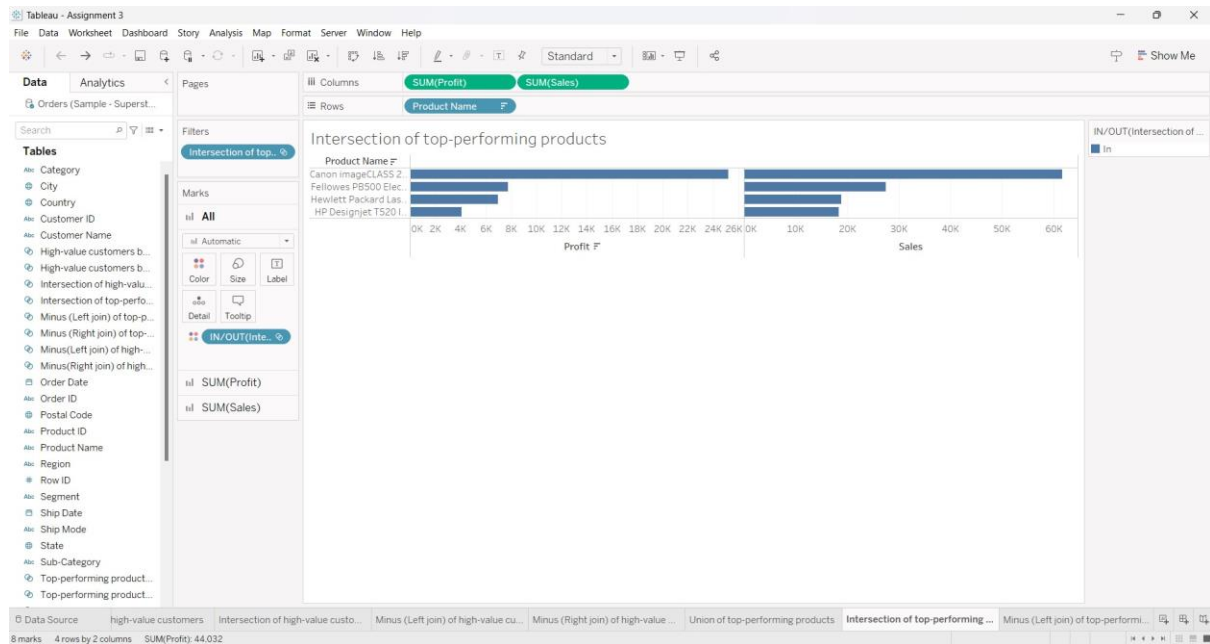
Union of top-performing products Intersection of top-performing p... Minus (Left join) of top-perform...



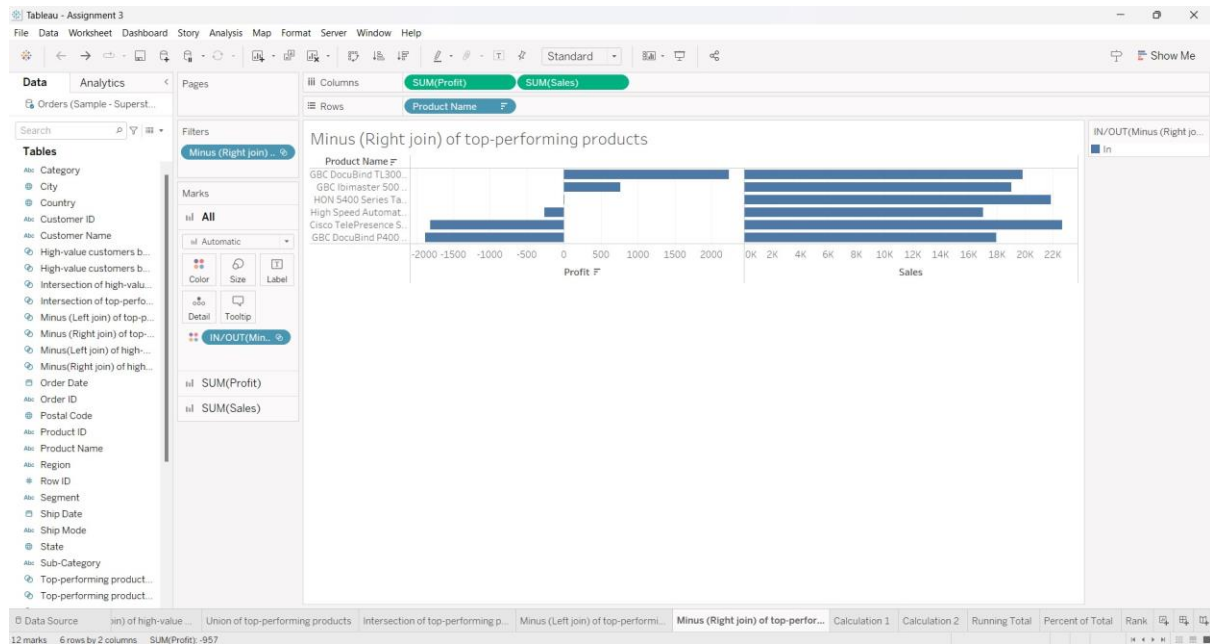
TOP-PERFORMING PRODUCTS BY PROFIT TOP-PERFORMING PRODUCTS BY SALES



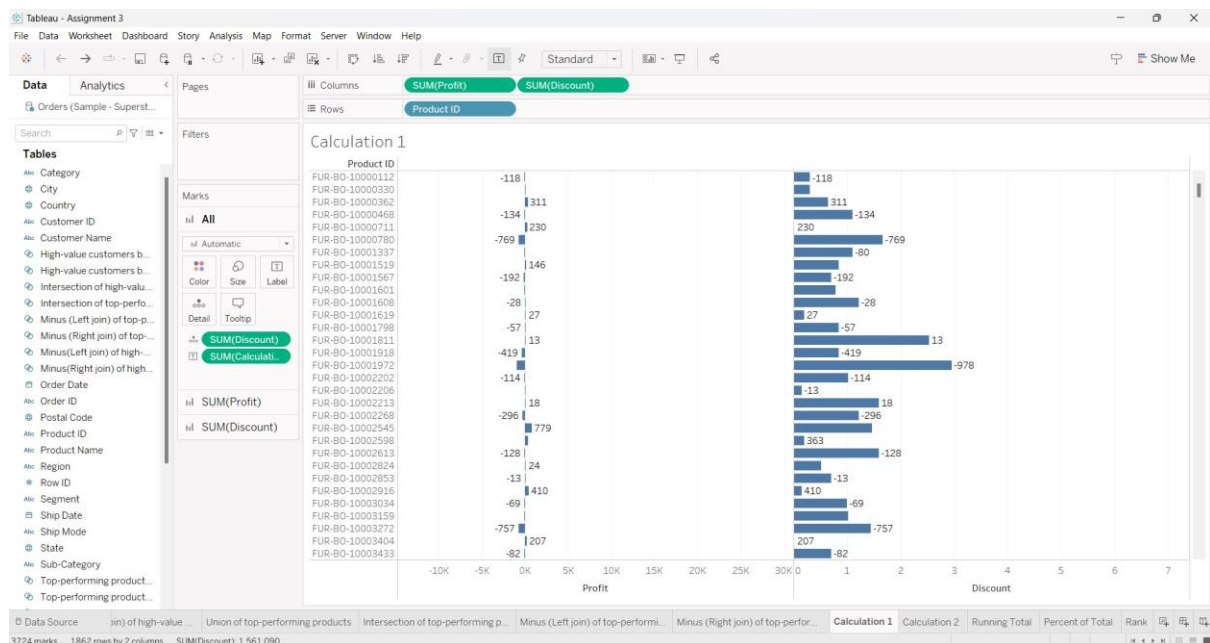
UNION OF TOP-PERFORMING PRODUCTS INTERSECTION OF TOP-PERFORMING PRODUCTS



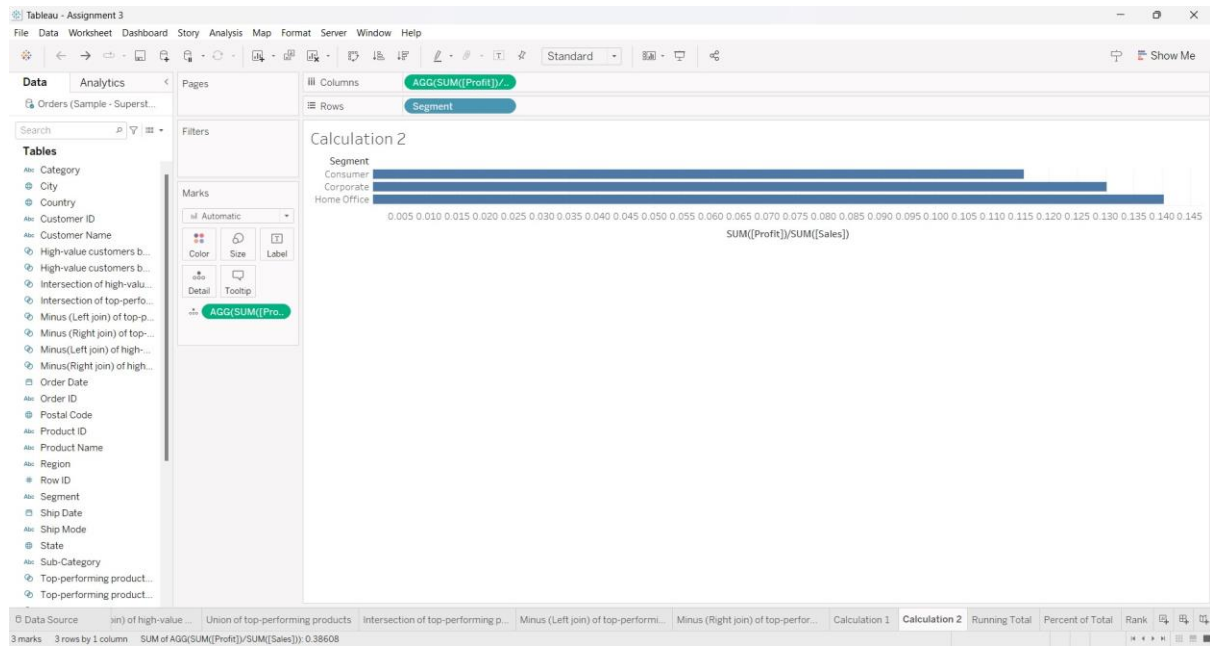
MINUS (LEFT JOIN) OF TOP-PERFORMING PRODUCTS MINUS (RIGHT JOIN) OF TOP-PERFORMING PRODUCTS



CALCULATED FIELD - 1

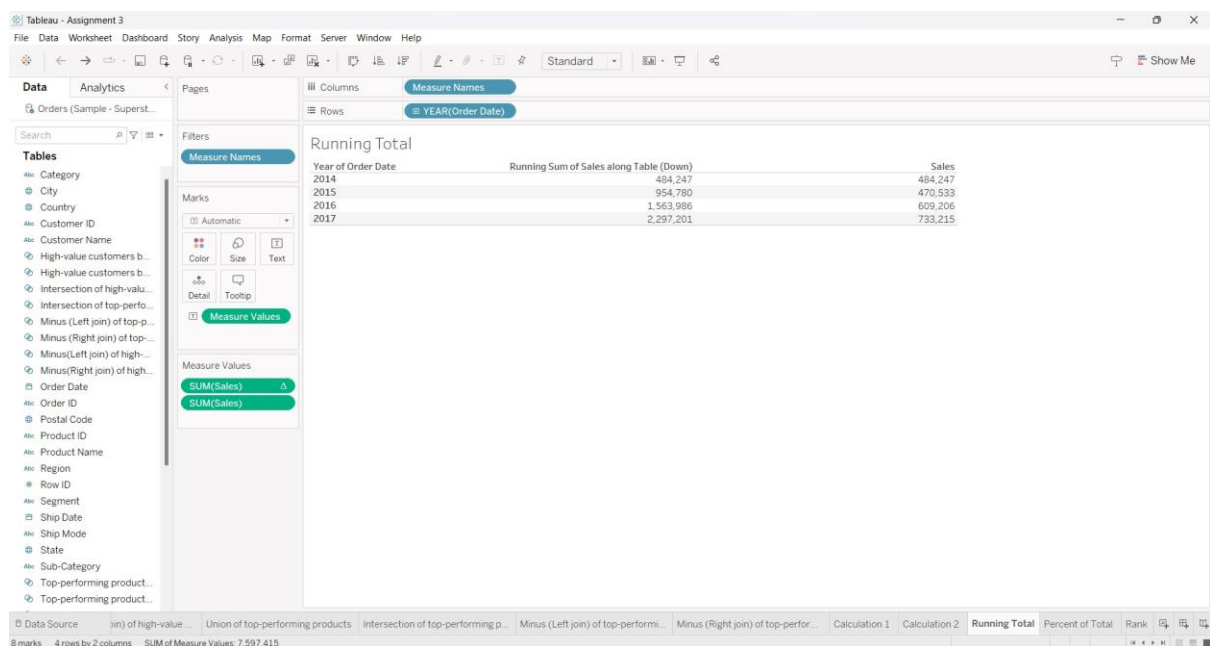


CALCULATED FIELD - 2

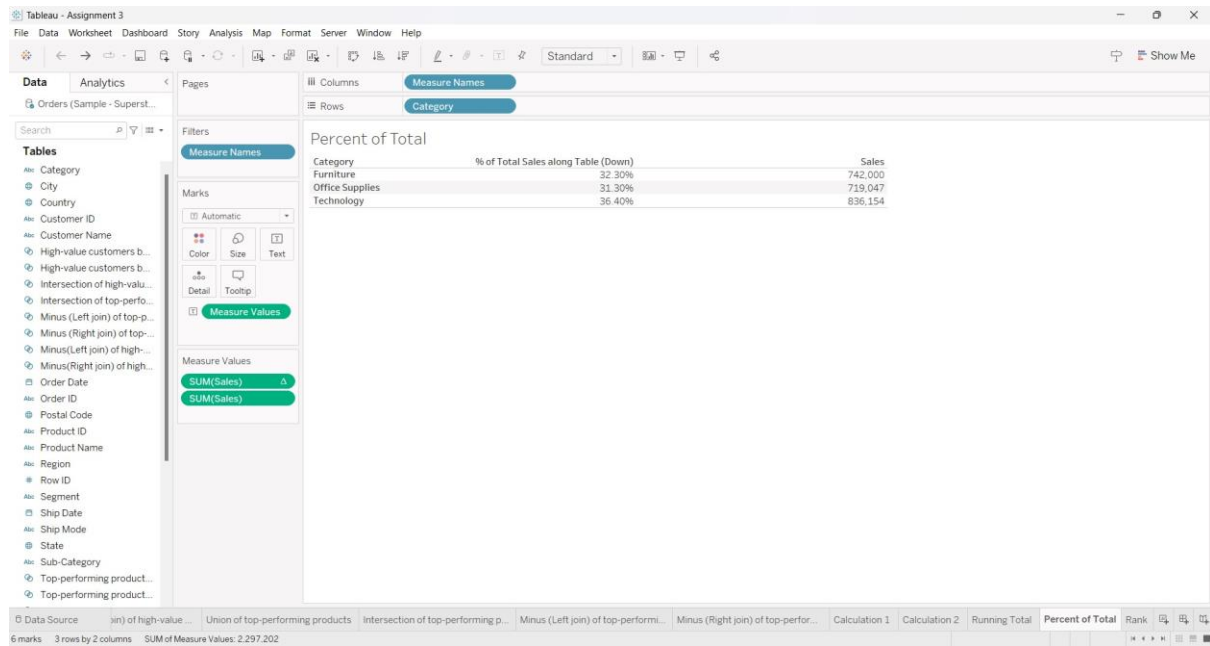


QUICK TABLE CALCULATIONS:

RUNNING TOTAL



PERCENT OF TOTAL



RANK

