

DATA ANALYTICS ASSIGNMENT 3

Siddham Anusha

20NN1A05H2

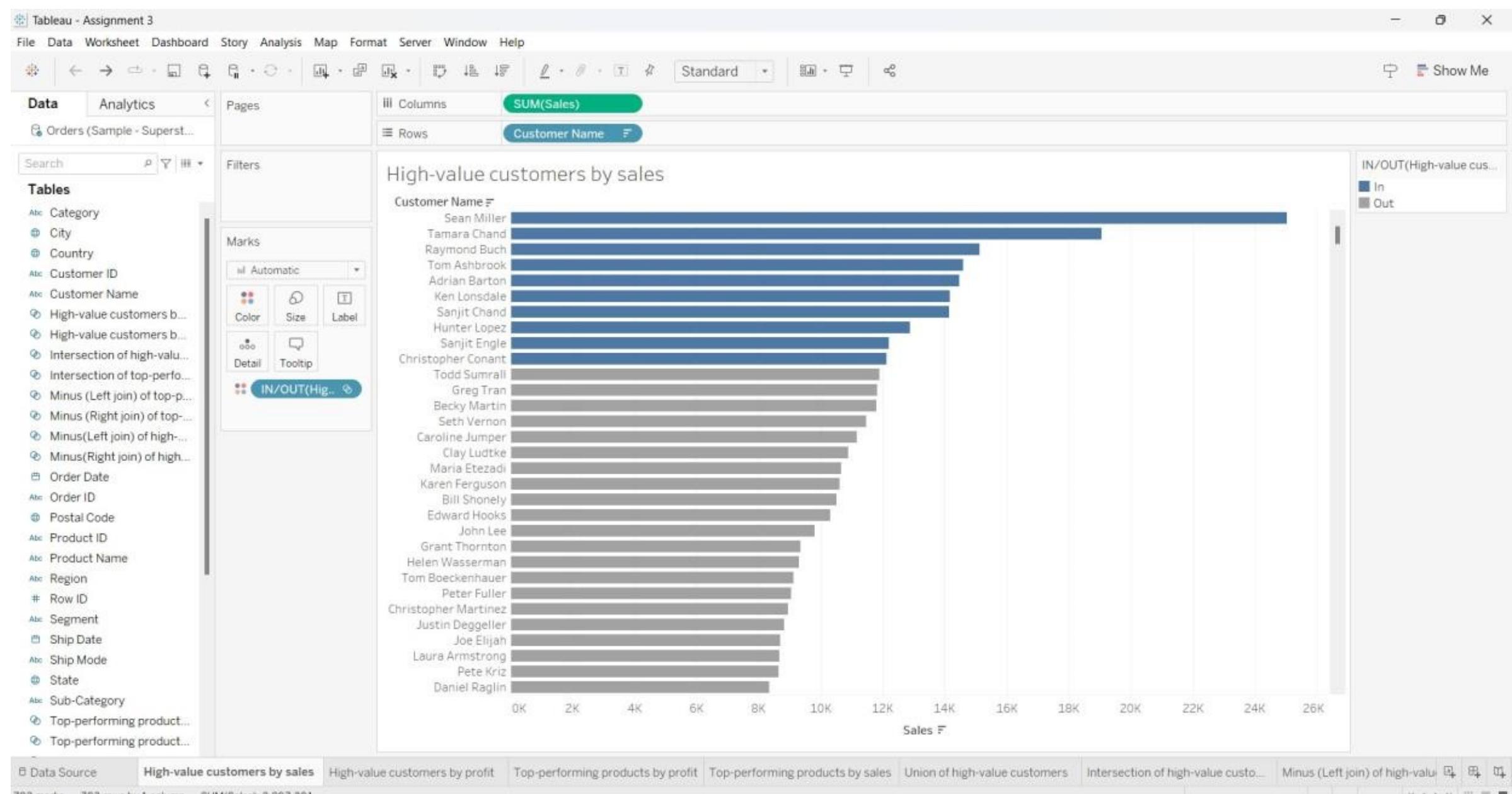
IV B.TECH (CSE)

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

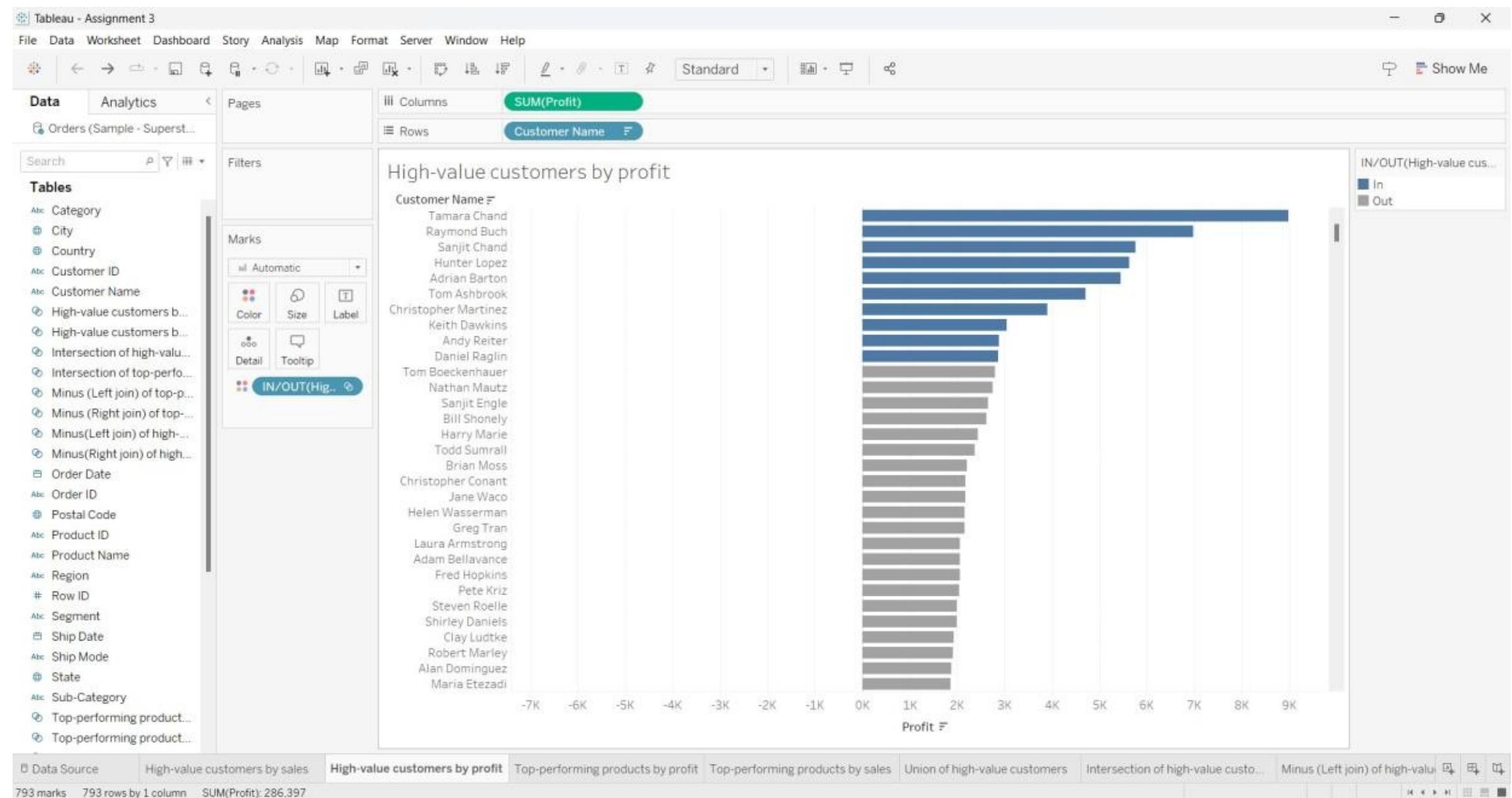
DATASET: Sample - Superstore.xls

- 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

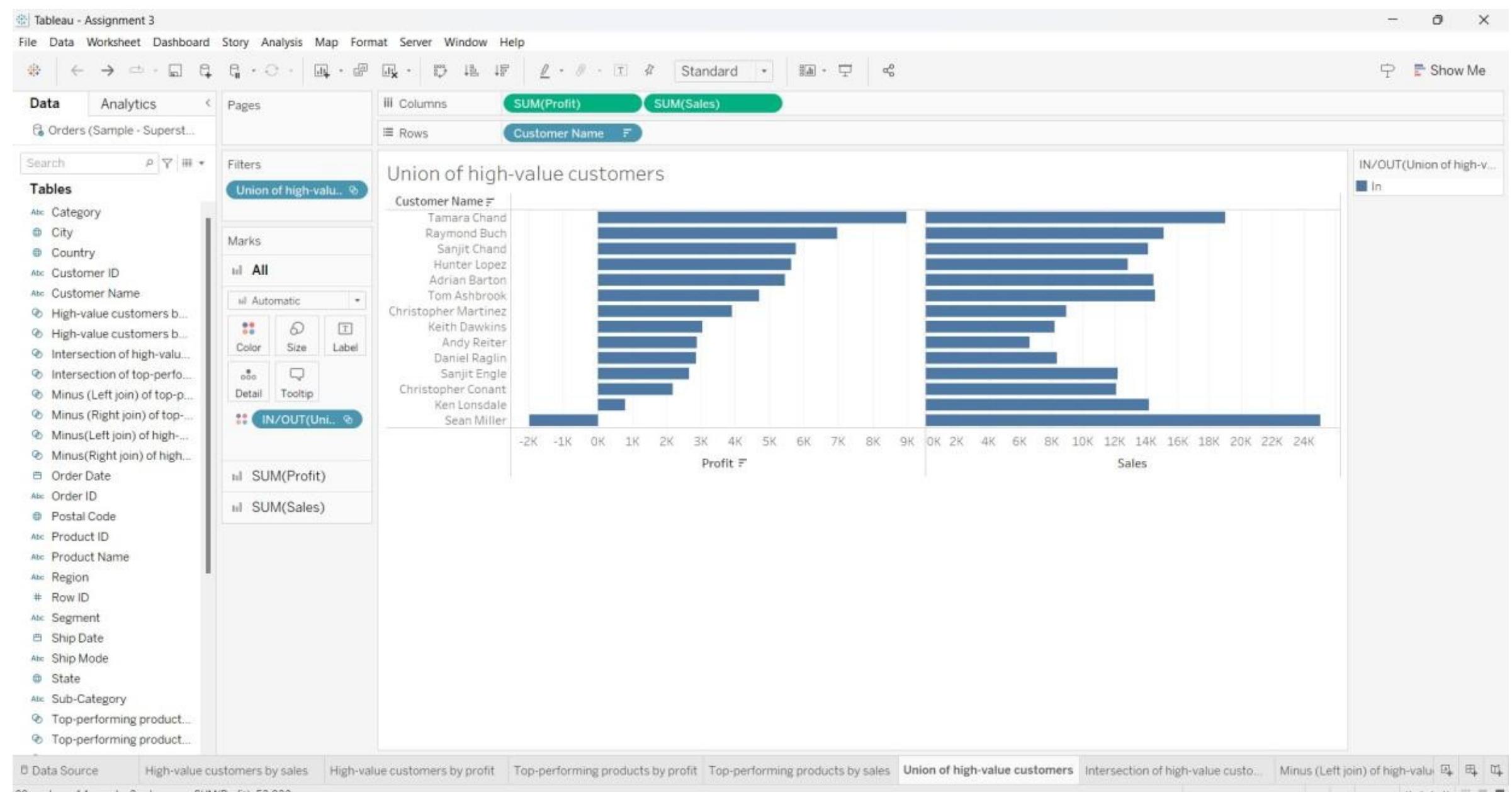
HIGH-VALUE CUSTOMERS BY SALES



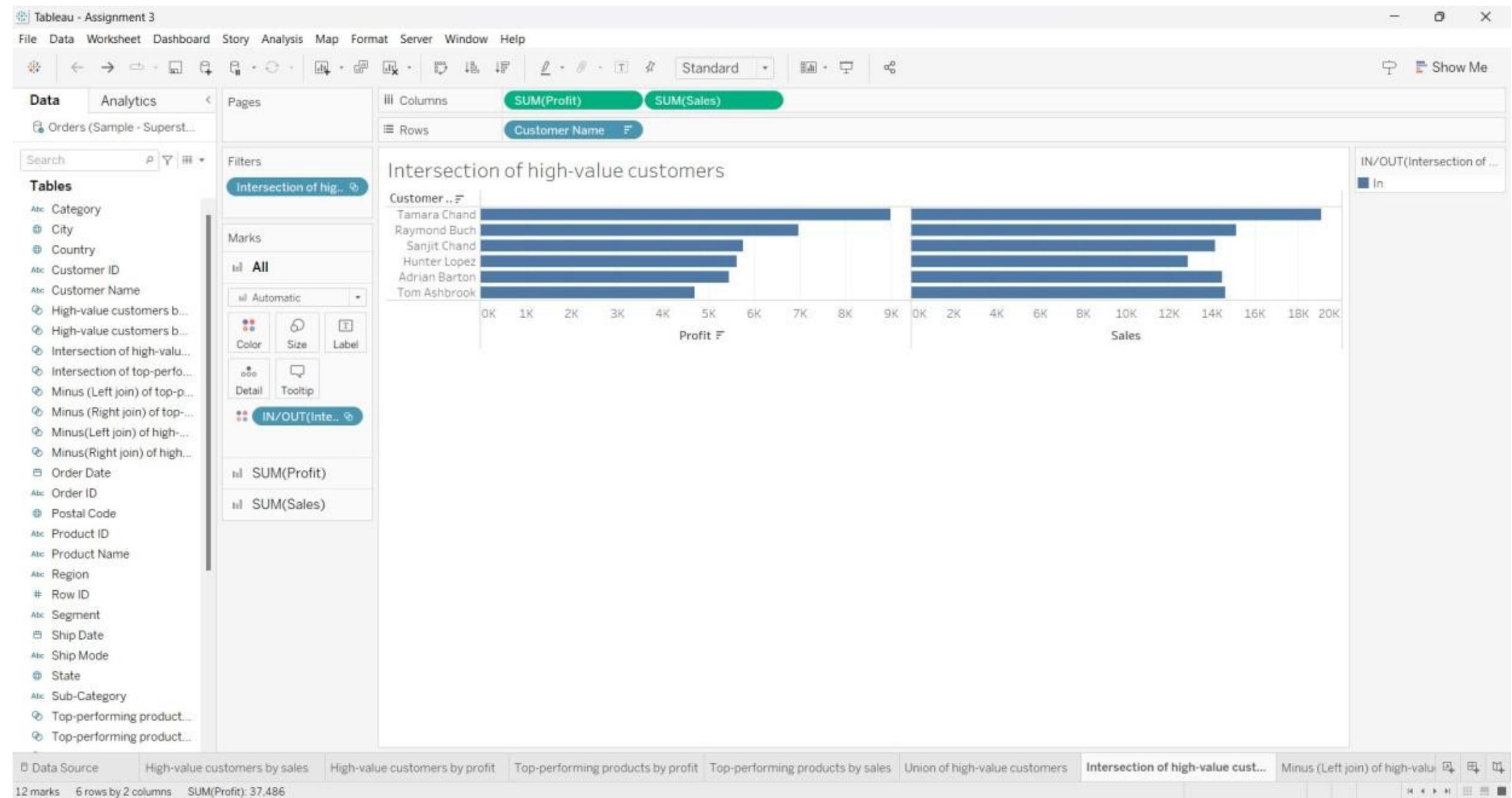
HIGH-VALUE CUSTOMERS BY PROFIT



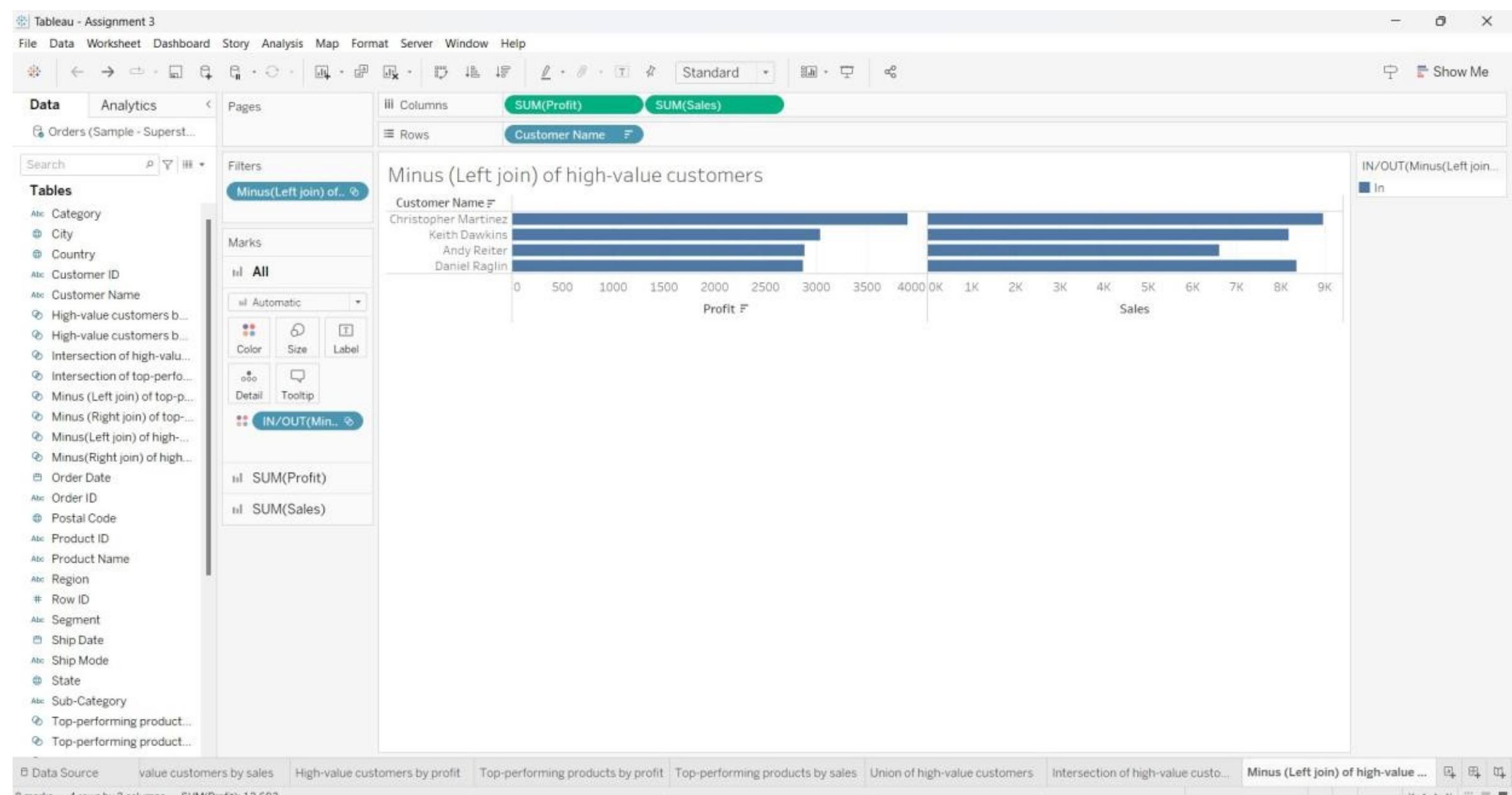
UNION OF HIGH-VALUE CUSTOMERS



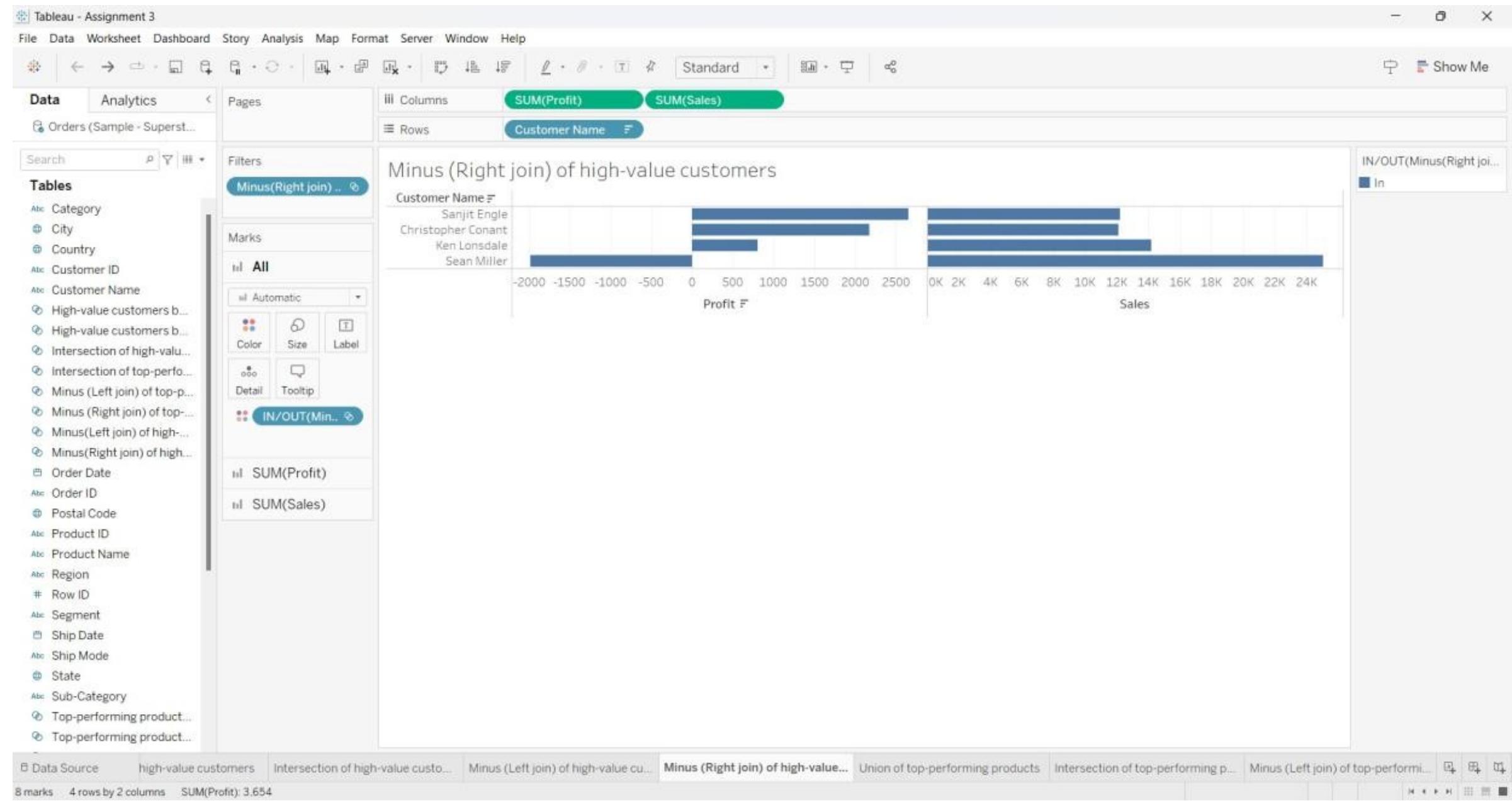
INTERSECTION OF HIGH-VALUE CUSTOMERS



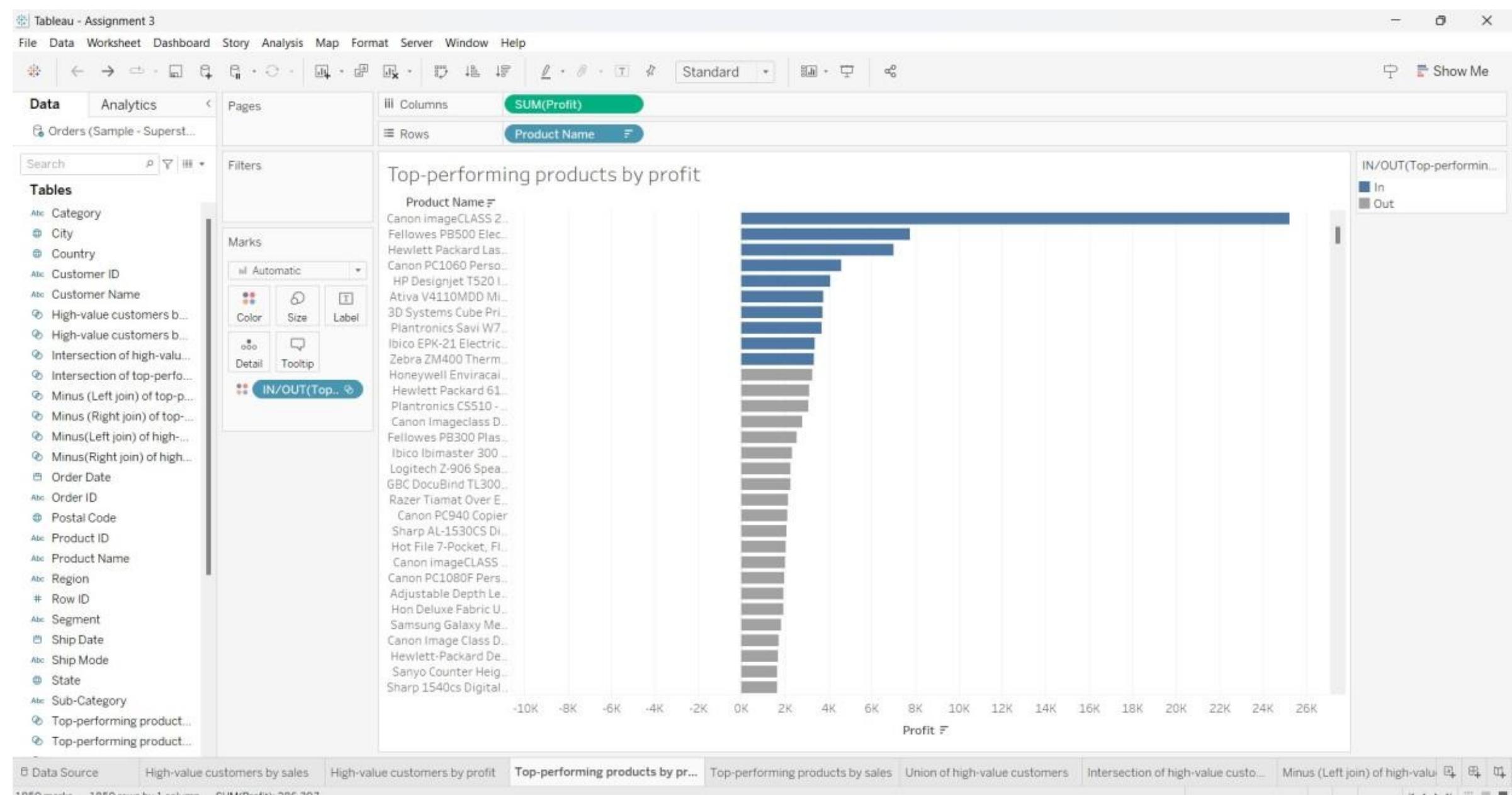
MINUS (LEFT JOIN) OF HIGH-VALUE CUSTOMERS



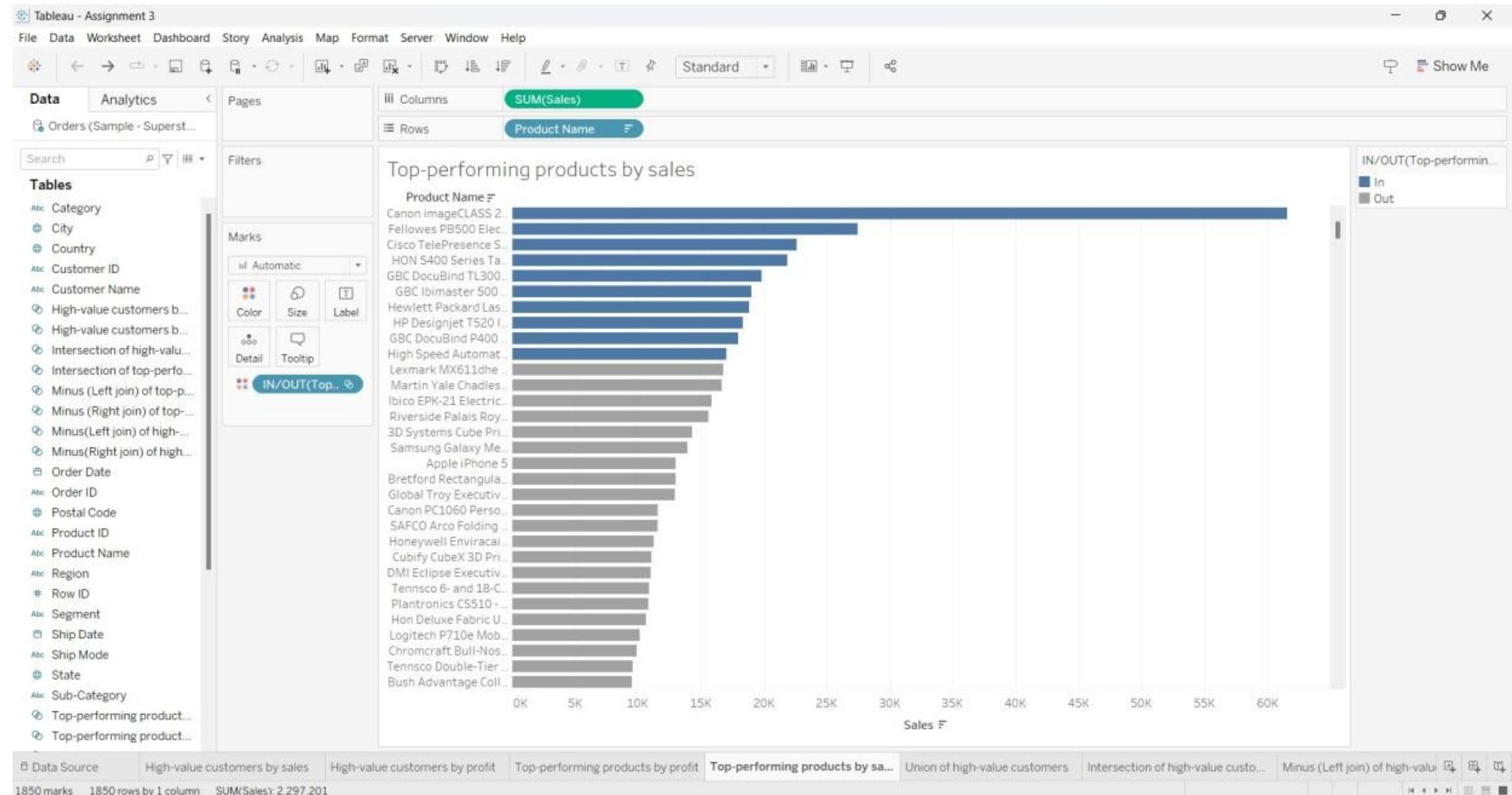
MINUS (RIGHT JOIN) OF HIGH-VALUE CUSTOMERS



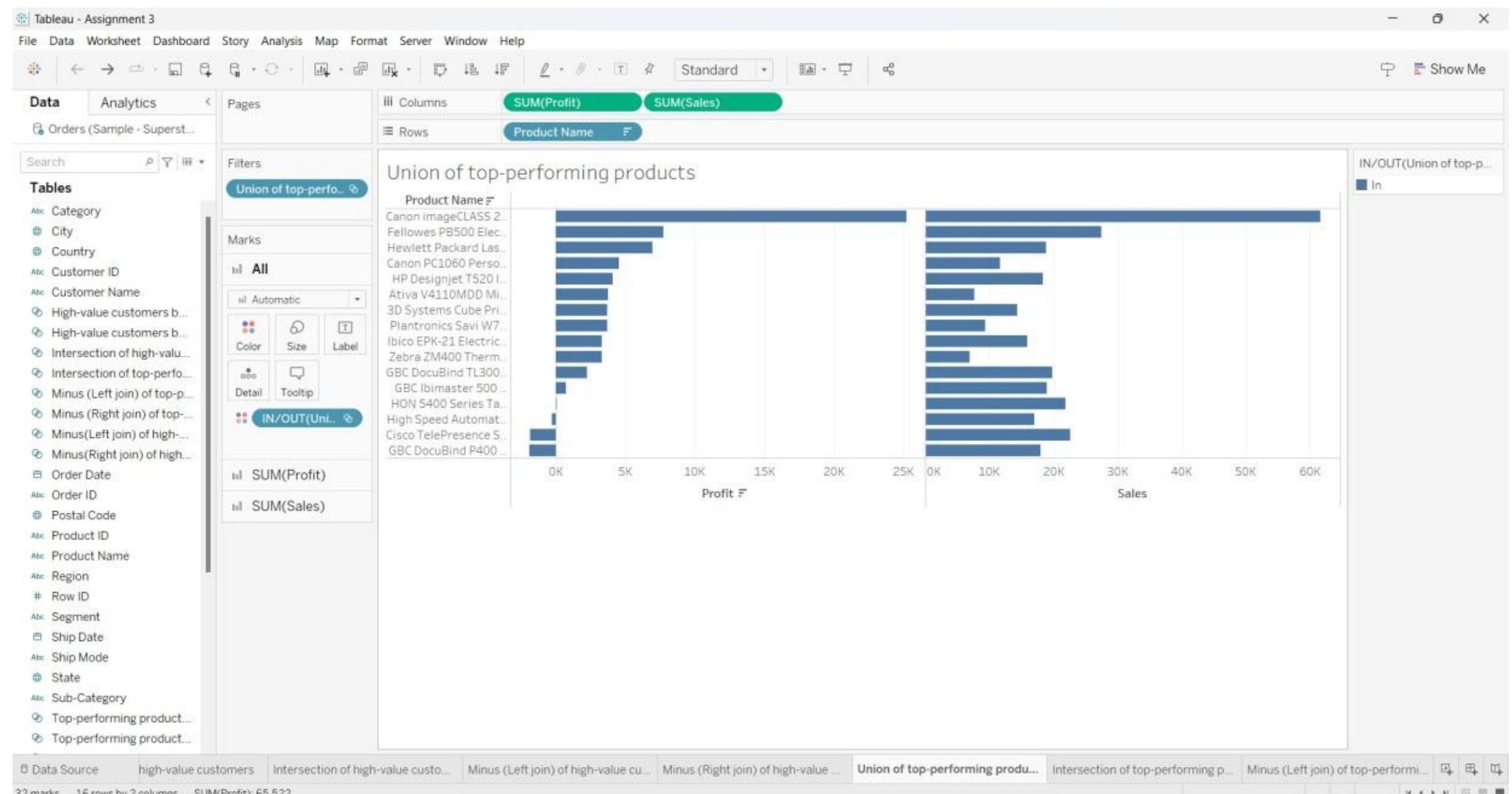
TOP-PERFORMING PRODUCTS BY PROFIT



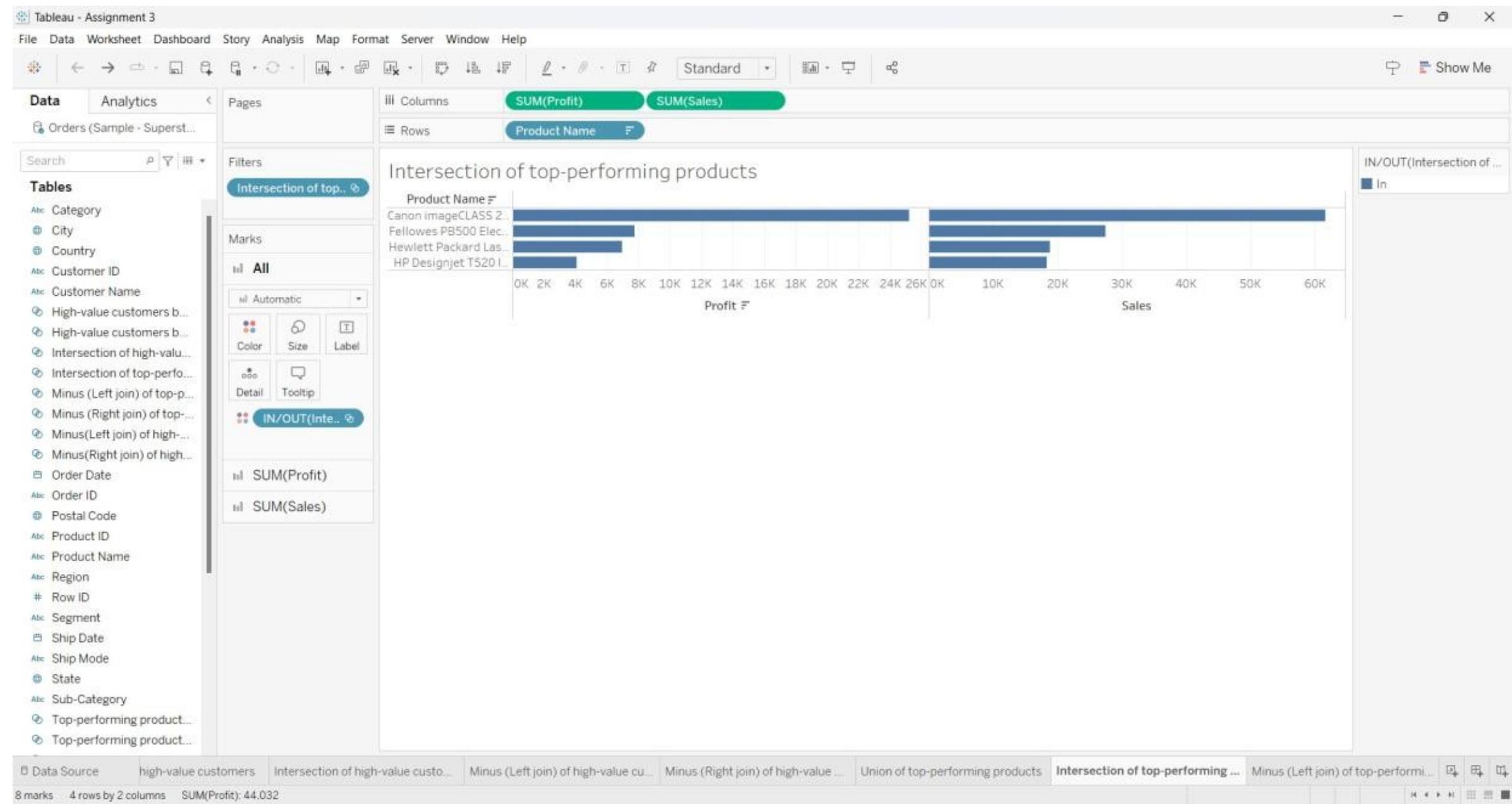
TOP-PERFORMING PRODUCTS BY SALES



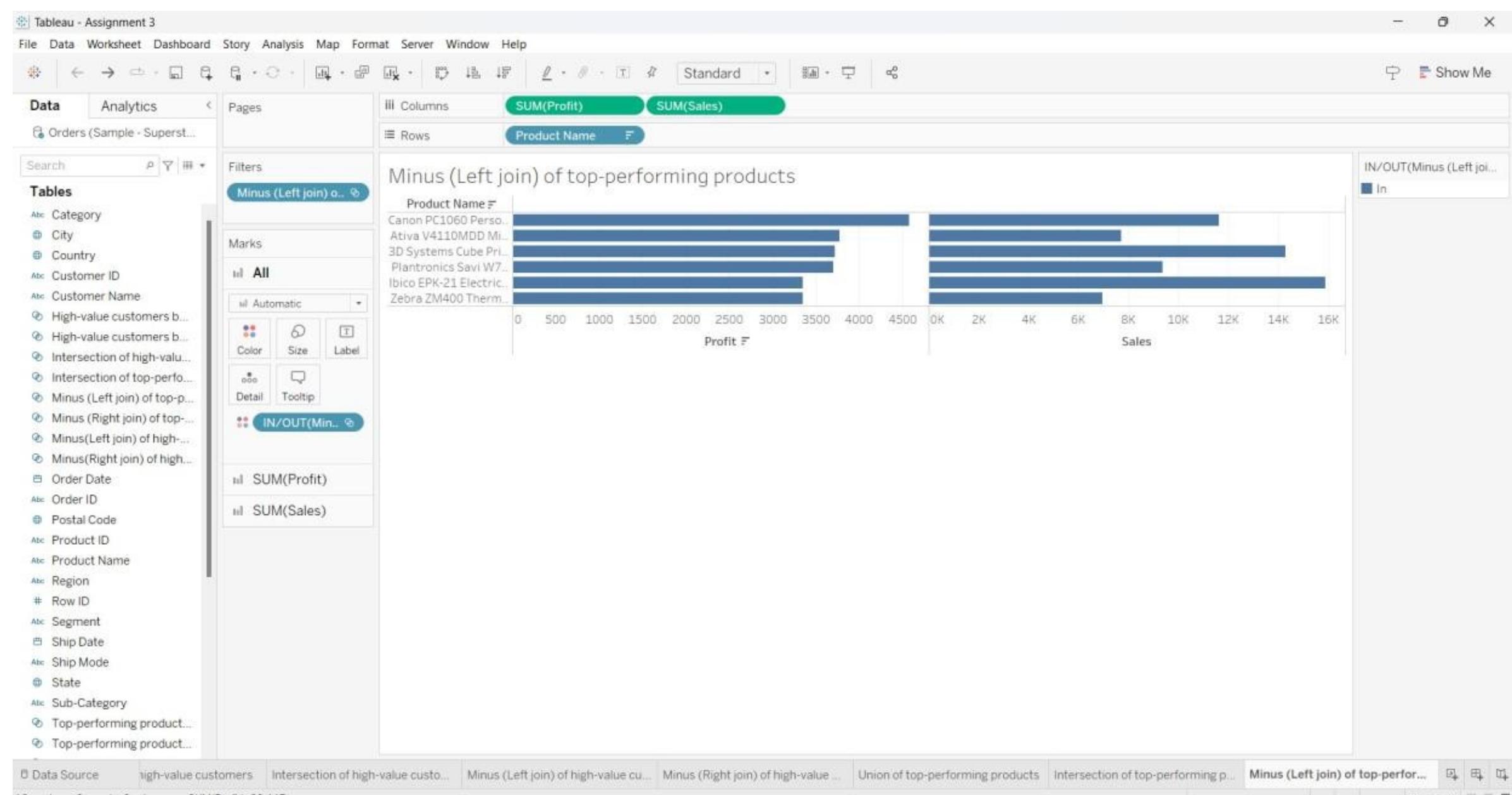
UNION OF TOP-PERFORMING PRODUCTS



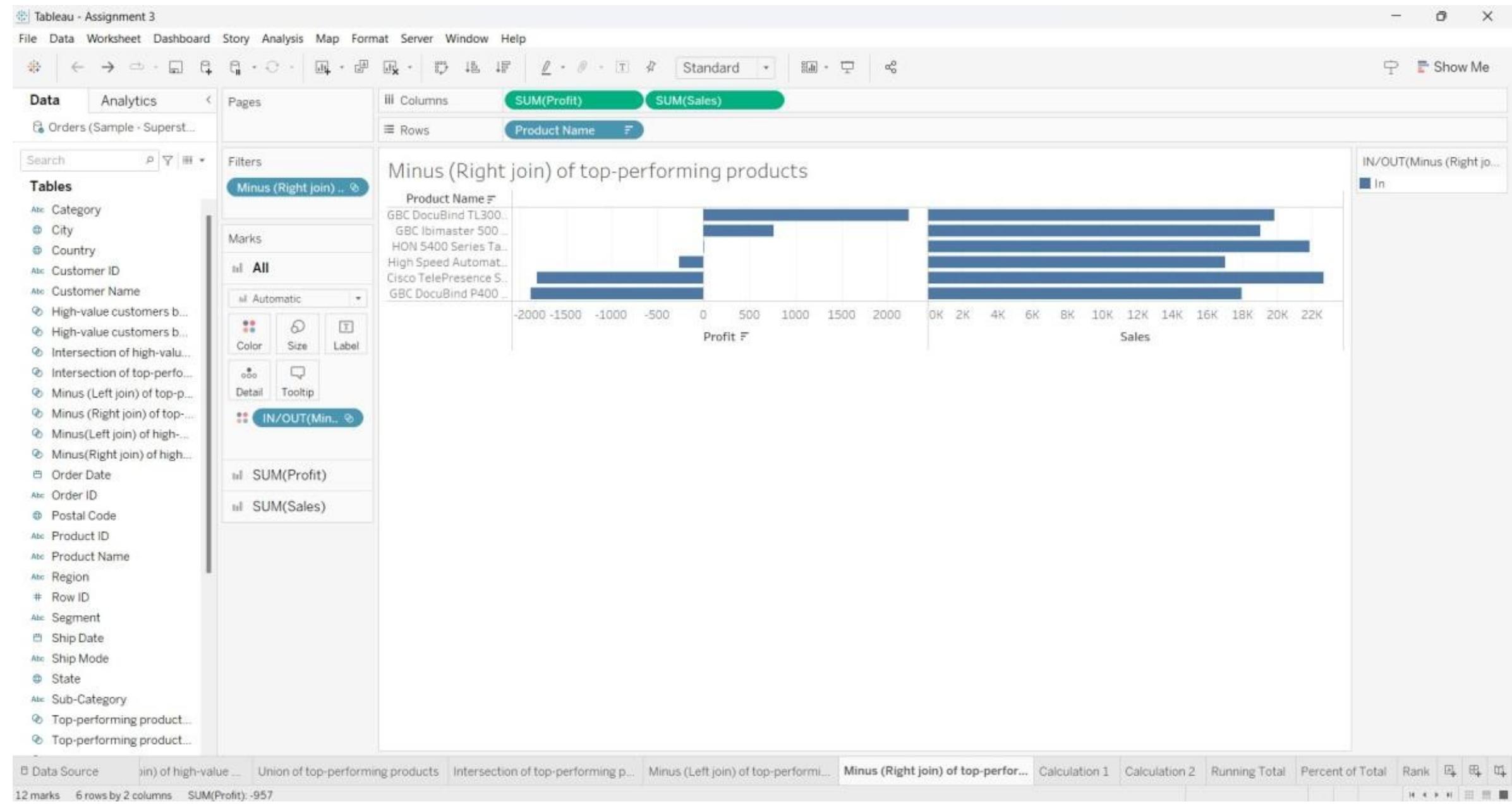
INTERSECTION OF TOP-PERFORMING PRODUCTS



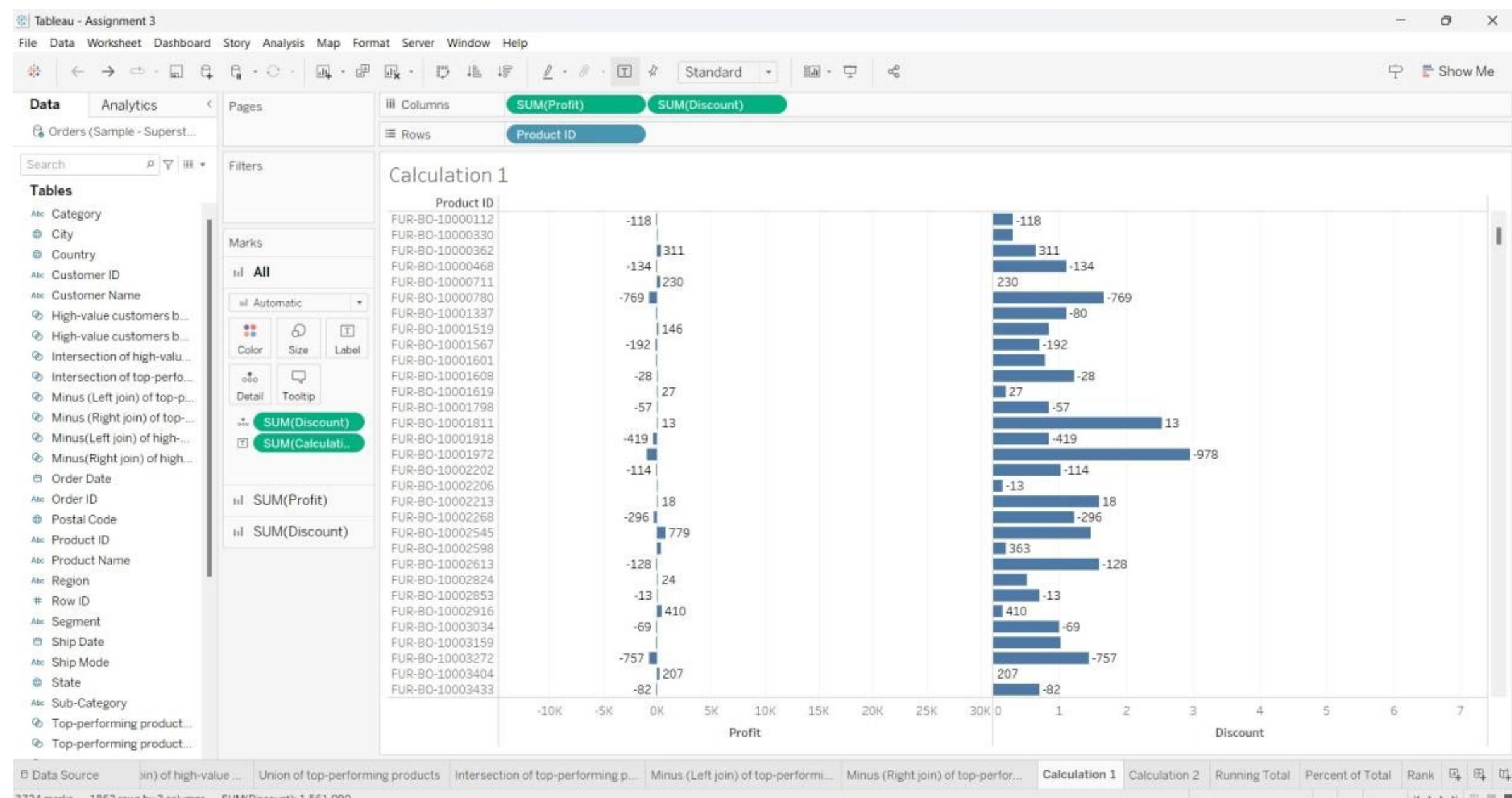
MINUS (LEFT JOIN) OF TOP-PERFORMING PRODUCTS



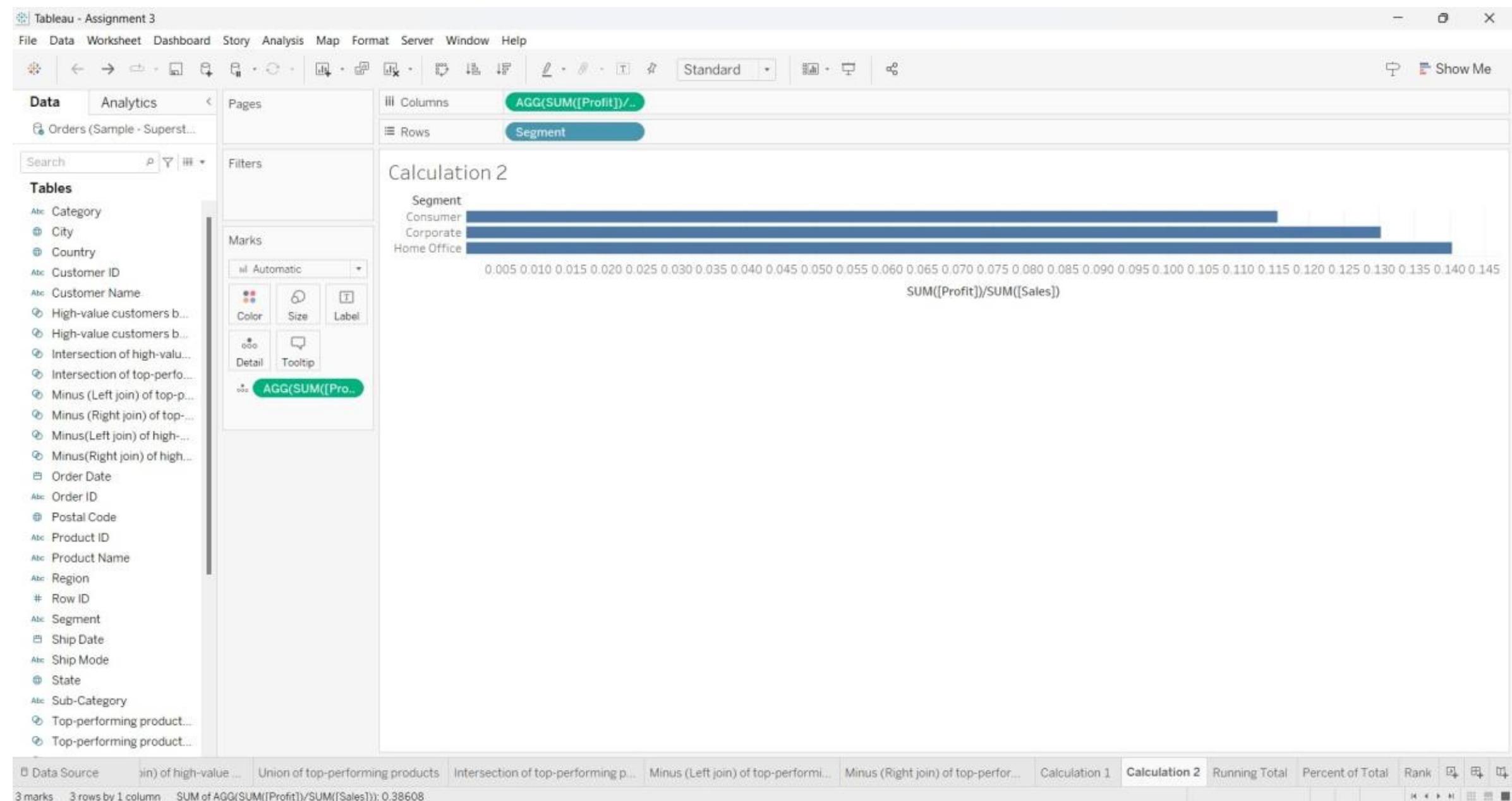
MINUS (RIGHT JOIN) OF TOP-PERFORMING PRODUCTS



CALCULATED FIELD - 1

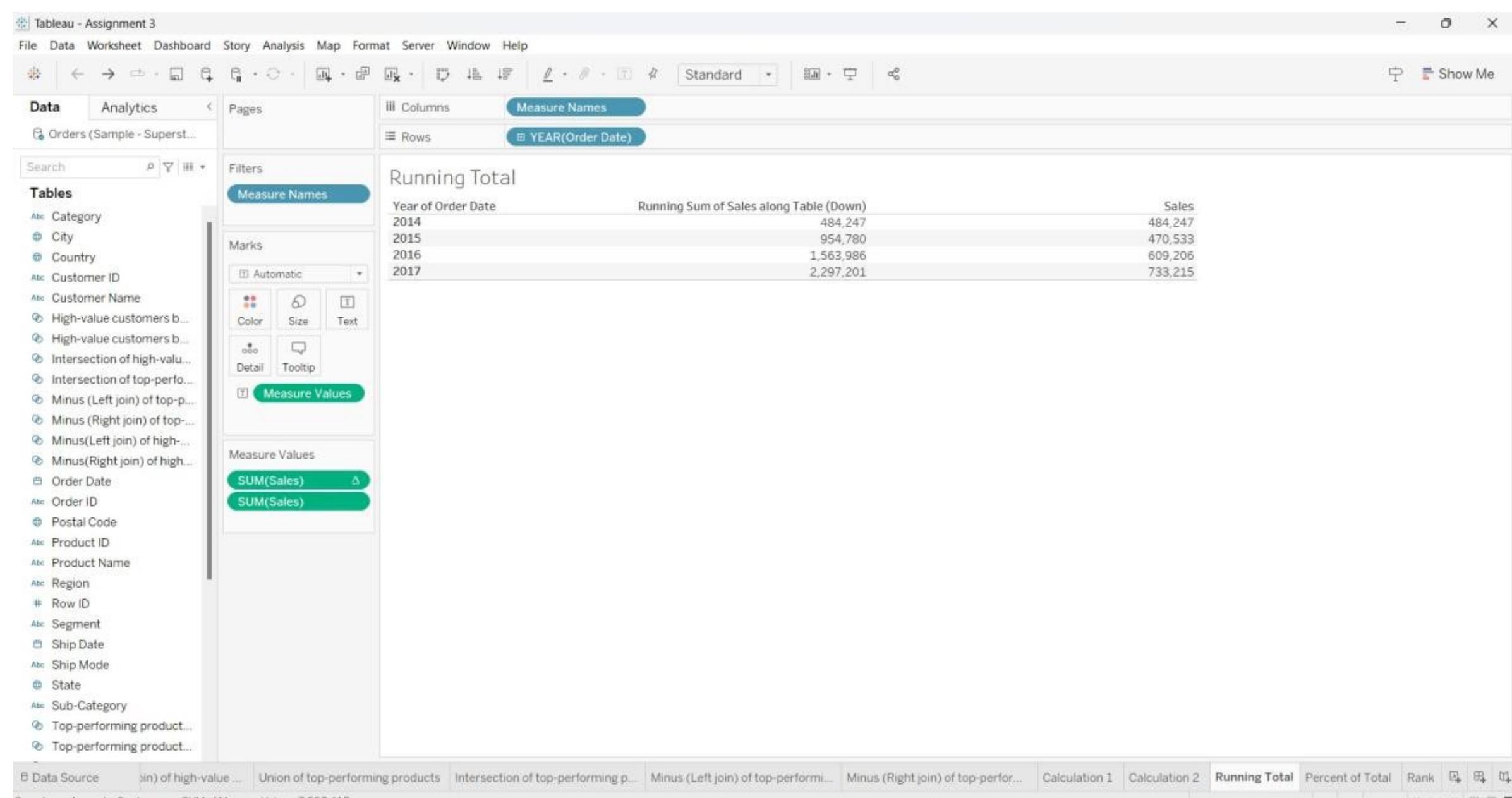


CALCULATED FIELD - 2



QUICK TABLE CALCULATIONS: RUNNING TOTAL

TOTAL



PERCENT OF TOTAL

The screenshot shows a Tableau worksheet titled "Percent of Total". The data is presented in a single-table format with three columns: Category, % of Total Sales along Table (Down), and Sales.

Category	% of Total Sales along Table (Down)	Sales
Furniture	32.30%	742,000
Office Supplies	31.30%	719,047
Technology	36.40%	836,154

The worksheet interface includes a top navigation bar with File, Data, Worksheet, Dashboard, Story, Analysis, Map, Format, Server, Window, Help, and a Show Me button. The left sidebar contains a "Tables" section listing various dimensions like Category, City, Country, Customer ID, etc. The bottom status bar indicates 6 marks, 3 rows by 2 columns, and a SUM of Measure Values: 2,297,202.

RANK

The screenshot shows a Tableau worksheet titled "Rank". The data is presented in a single-table format with three columns: Region, Rank of Sales along Table (Down), and Sales.

Region	Rank of Sales along Table (Down)	Sales
Central	3	501,240
East	2	678,781
South	4	391,722
West	1	725,458

The worksheet interface includes a top navigation bar with File, Data, Worksheet, Dashboard, Story, Analysis, Map, Format, Server, Window, Help, and a Show Me button. The left sidebar contains a "Tables" section listing various dimensions like Category, City, Country, Customer ID, etc. The bottom status bar indicates 8 marks, 4 rows by 2 columns, and a SUM of Measure Values: 2,297,211.