DATA ANALYTICS USING TABLEAU

ASSIGNMENT-3

BY:

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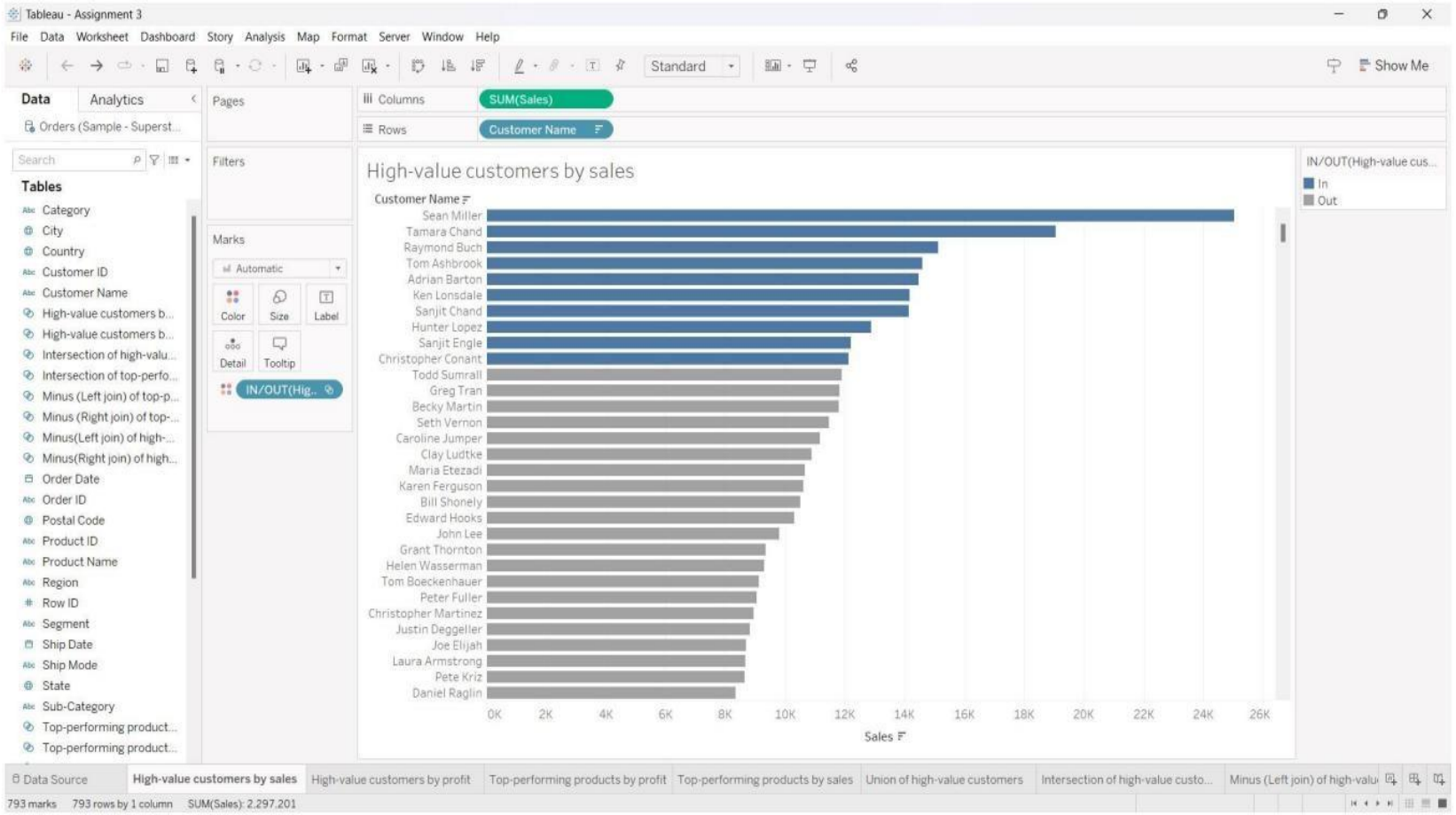
20NN1A0550

VNITSW

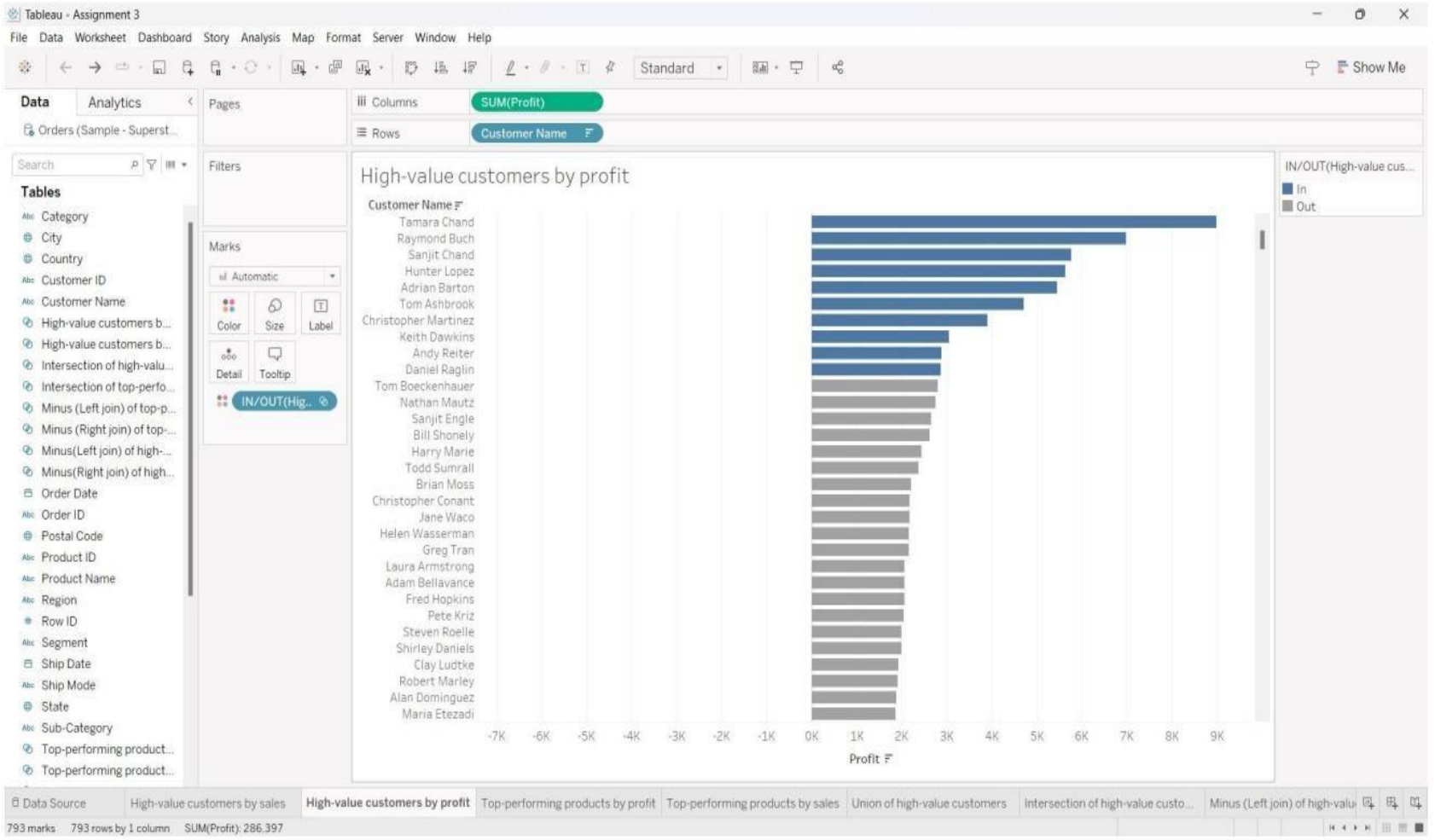
DATASET : Sample - Superstore.xls

- 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 CUSTOMER BY SALES



HIGH-VALUES CUSTOMERS BY PROFIT



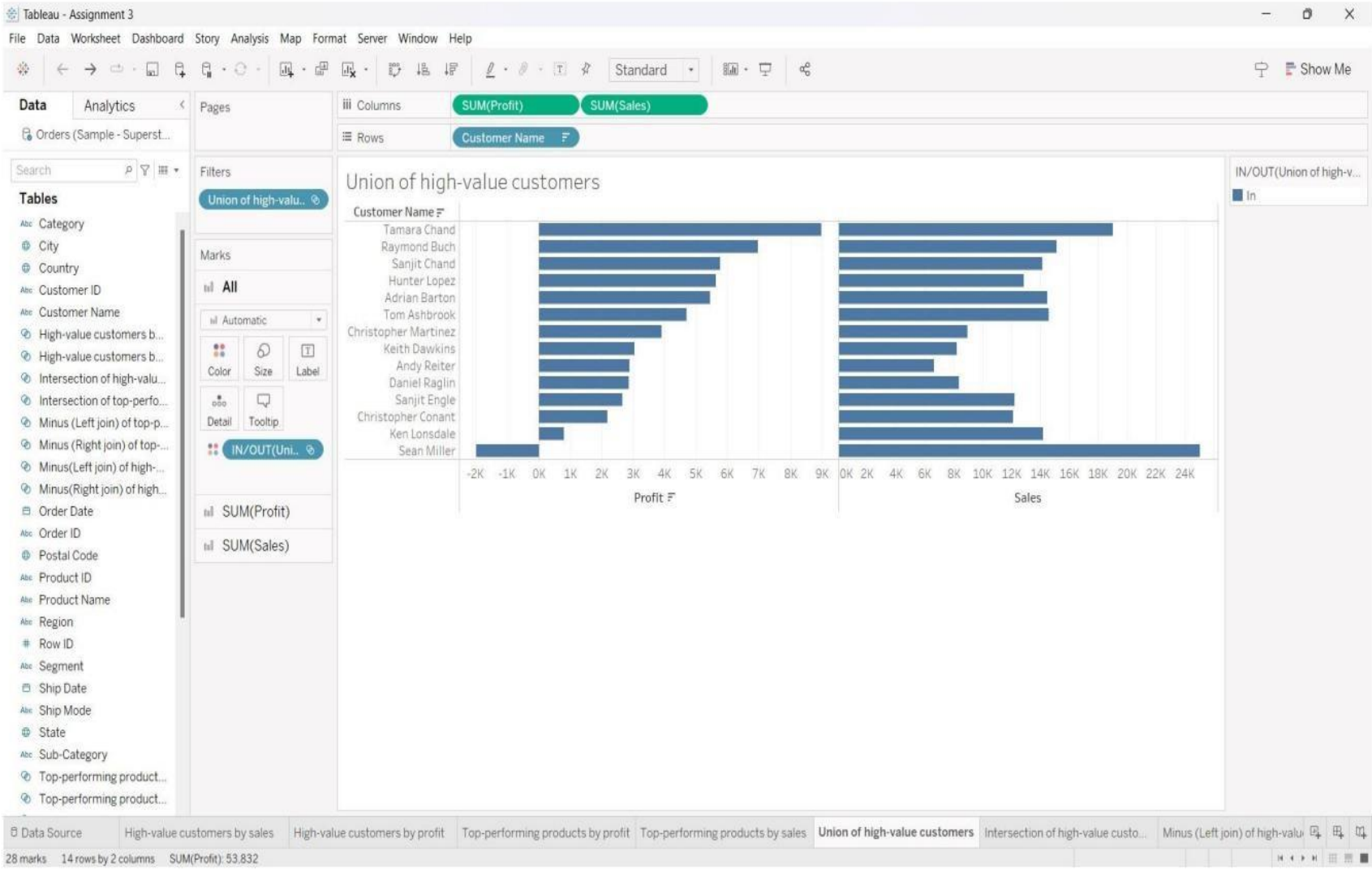
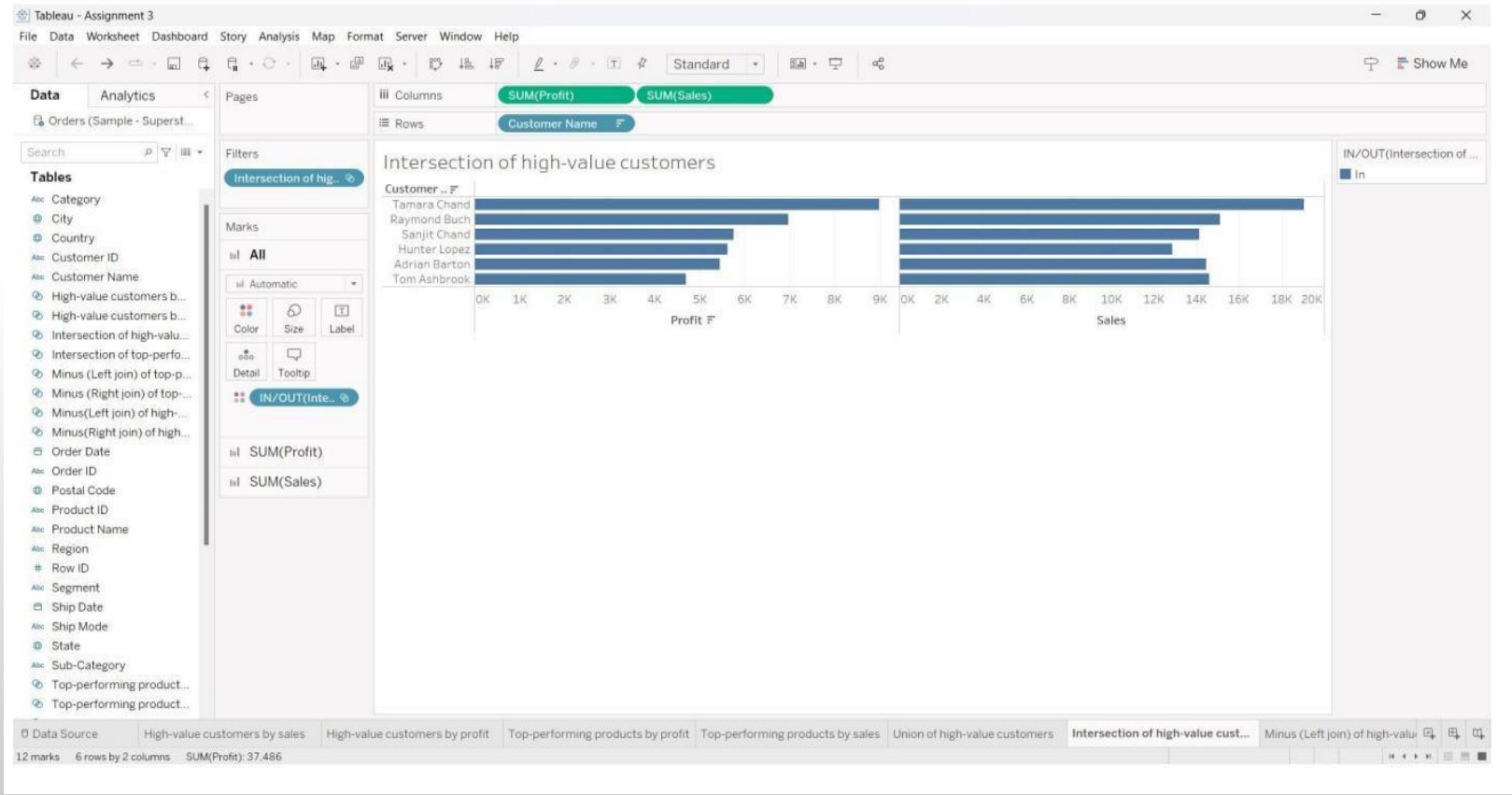
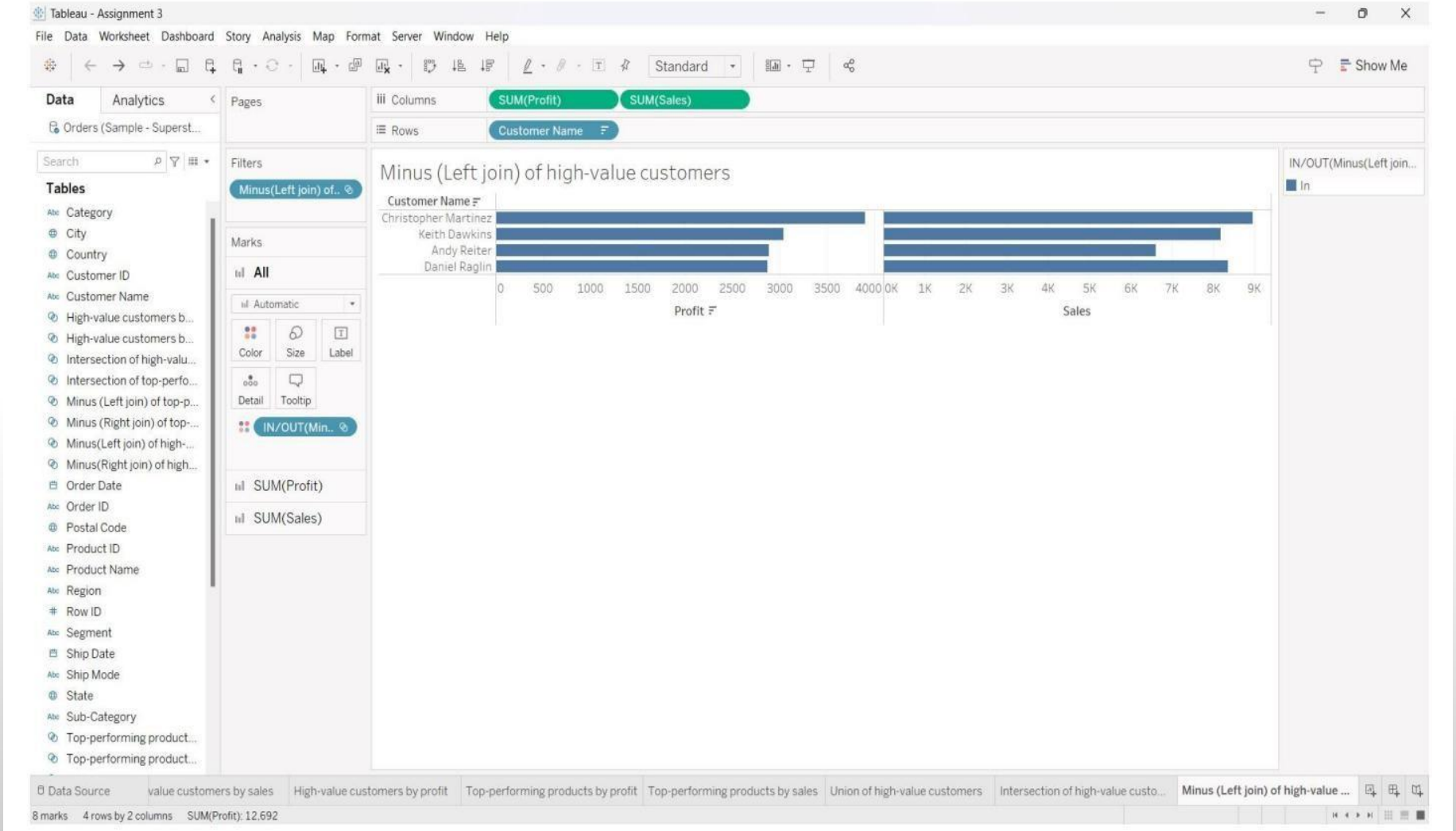


Tableau - Assignment 3
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
Orders (Sample - Superst...
Search
Tables
Category
City
Country
Customer ID
Customer Name
High-value customers b...
High-value customers b...
Intersection of high-valu...
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...
Pages
Filters
Union of high-valu..
Marks
All
Automatic
Color
Size
Label
Detail
Tooltip
IN/OUT(Uni..
SUM(Profit)
SUM(Sales)
Columns
SUM(Profit)
SUM(Sales)
Rows
Customer Name
Union of high-value customers
Customer Name
Tamara Chand
Raymond Buch
Sanjit Chand
Hunter Lopez
Adrian Barton
Tom Ashbrook
Christopher Martinez
Keith Dawkins
Andy Reiter
Daniel Raglin
Sanjit Engle
Christopher Conant
Ken Lonsdale
Sean Miller
-2K -1K 0K 1K 2K 3K 4K 5K 6K 7K 8K 9K
Profit
0K 2K 4K 6K 8K 10K 12K 14K 16K 18K 20K 22K 24K
Sales
IN/OUT(Union of high-v...
In
Data Source
High-value customers by sales
High-value customers by profit
Top-performing products by profit
Top-performing products by sales
Union of high-value customers
Intersection of high-value custo...
Minus (Left join) of high-valu
28 marks
14 rows by 2 columns
SUM(Profit): 53,832

UNION OF HIGH-VALUE CUSTOMERS
INTERSECTION OF HIGH-VALUE CUSTOMRS

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Show Me
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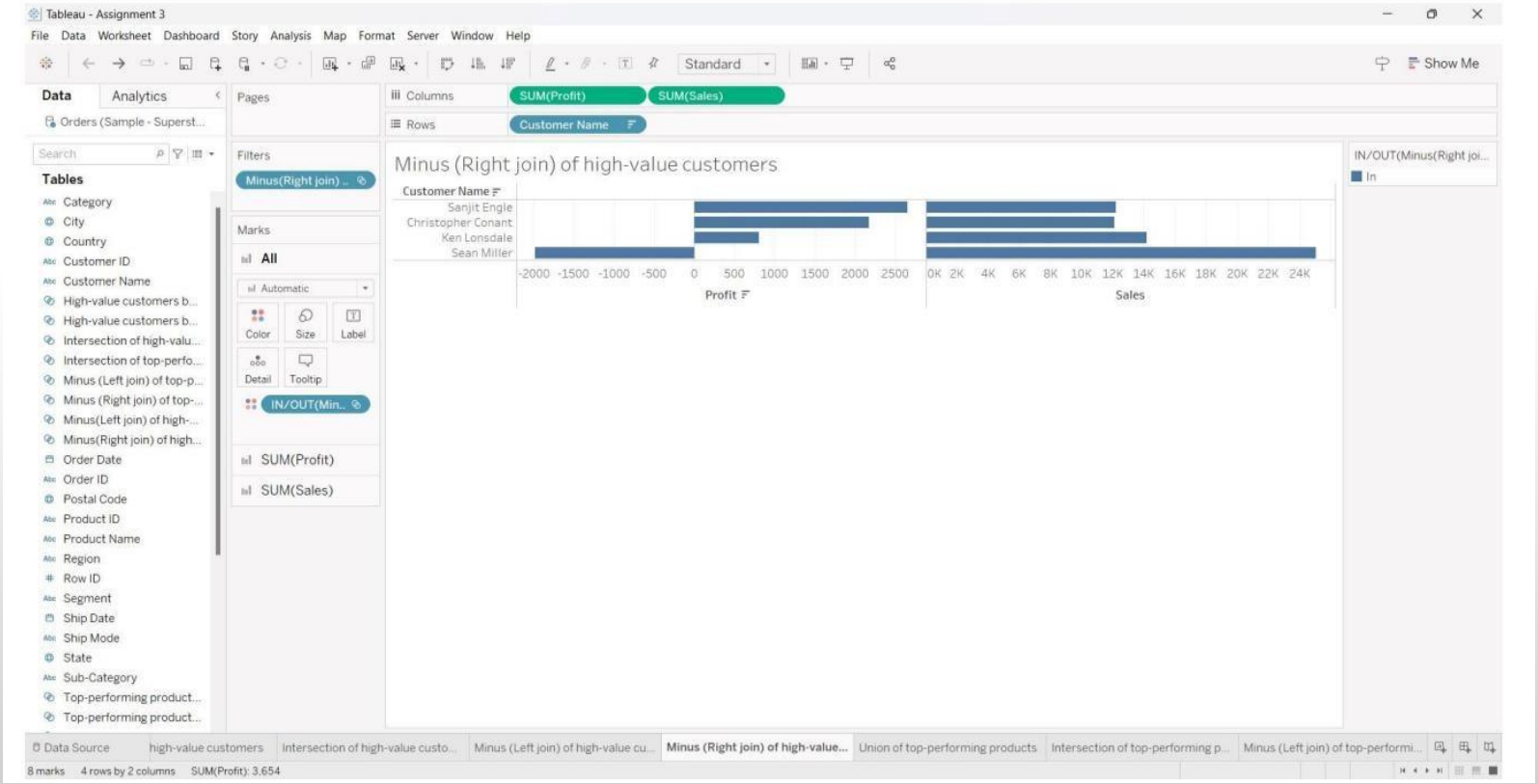
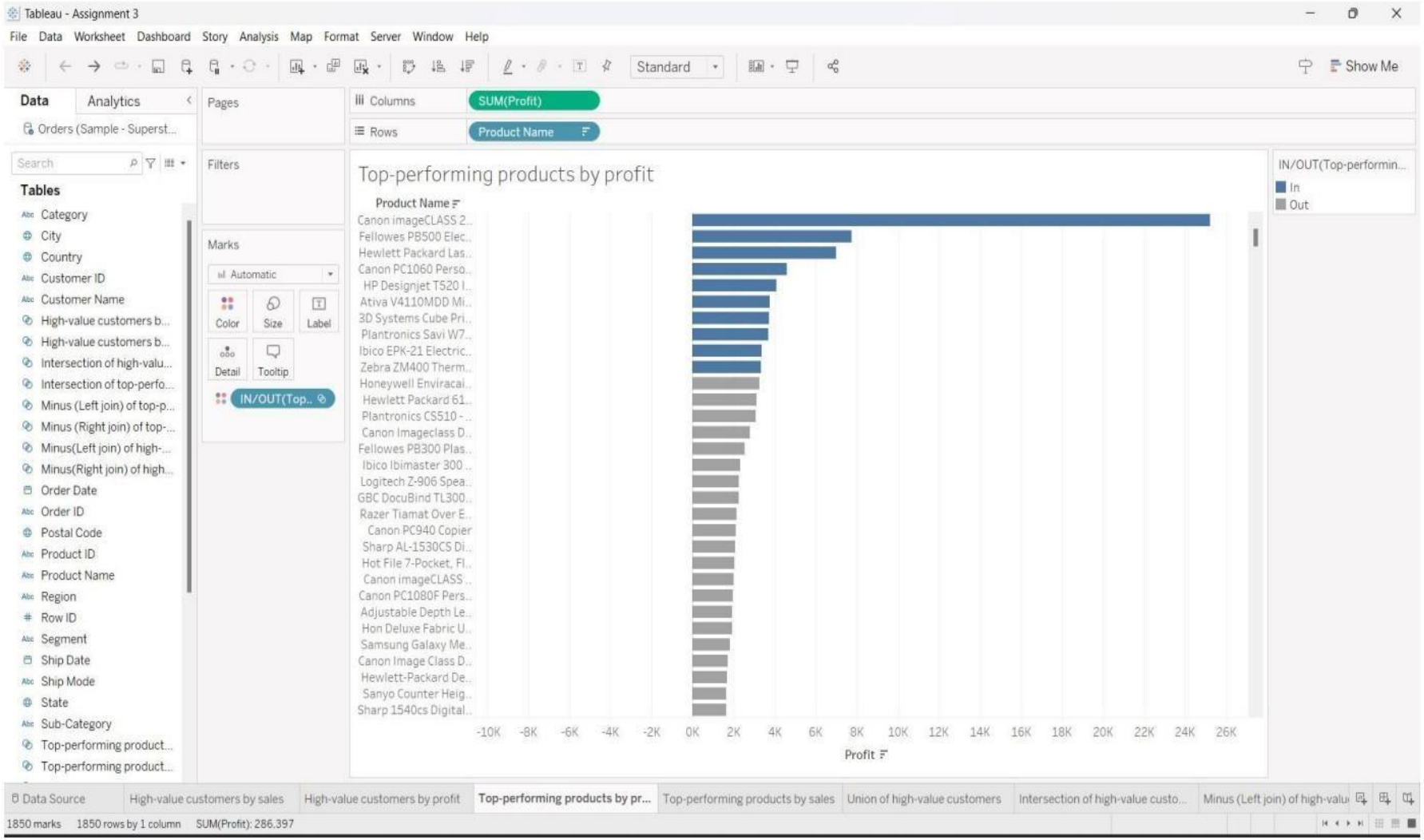
Search
Tables
Category
City
Country
Customer ID
Customer Name
High-value customers b...
High-value customers b...
Intersection of high-valu...
Intersection of top-perfo...
Minus (Left join) of top-p...
Minus (Right join) of top-...
Minus(Left join) of high-...
Minus(Right join) of high...
Order Date
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...
Pages
Filters
Minus(Left join) of..
Marks
All
Automatic
Color
Size
Label
Detail
Tooltip
IN/OUT(Min..
SUM(Profit)
SUM(Sales)
Columns
SUM(Profit)
SUM(Sales)
Rows
Customer Name
Minus (Left join) of high-value customers
Customer Name
Christopher Martinez
Keith Dawkins
Andy Reiter
Daniel Raglin
0 500 1000 1500 2000 2500 3000 3500 4000
Profit
0K 1K 2K 3K 4K 5K 6K 7K 8K 9K
Sales
IN/OUT(Minus(Left join...
In
Data Source
value customers by sales
High-value customers by profit
Top-performing products by profit
Top-performing products by sales
Union of high-value customers
Intersection of high-value custo...
Minus (Left join) of high-value ...
8 marks
4 rows by 2 columns
SUM(Profit): 12.692

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

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Tables
Category
City
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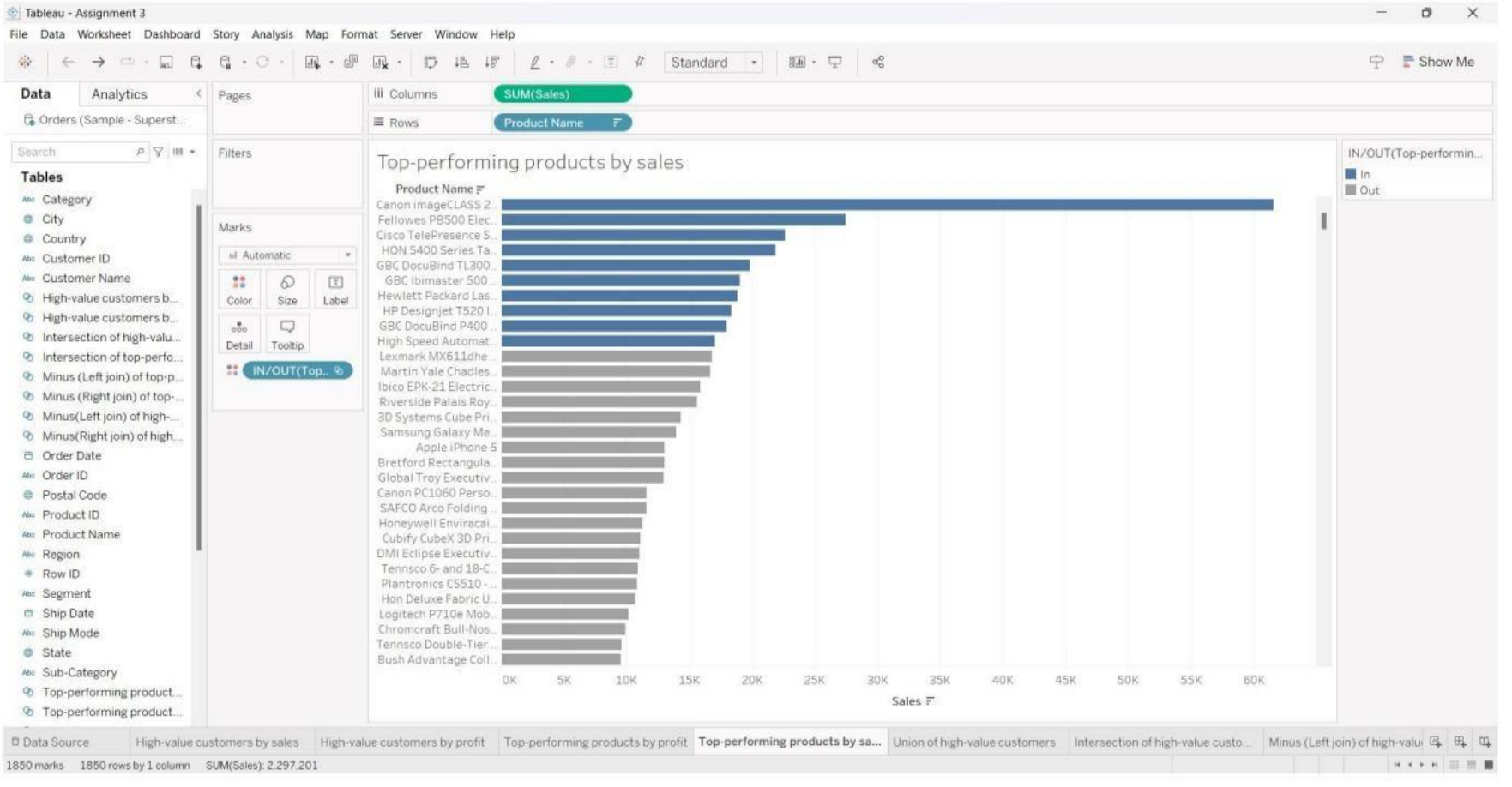
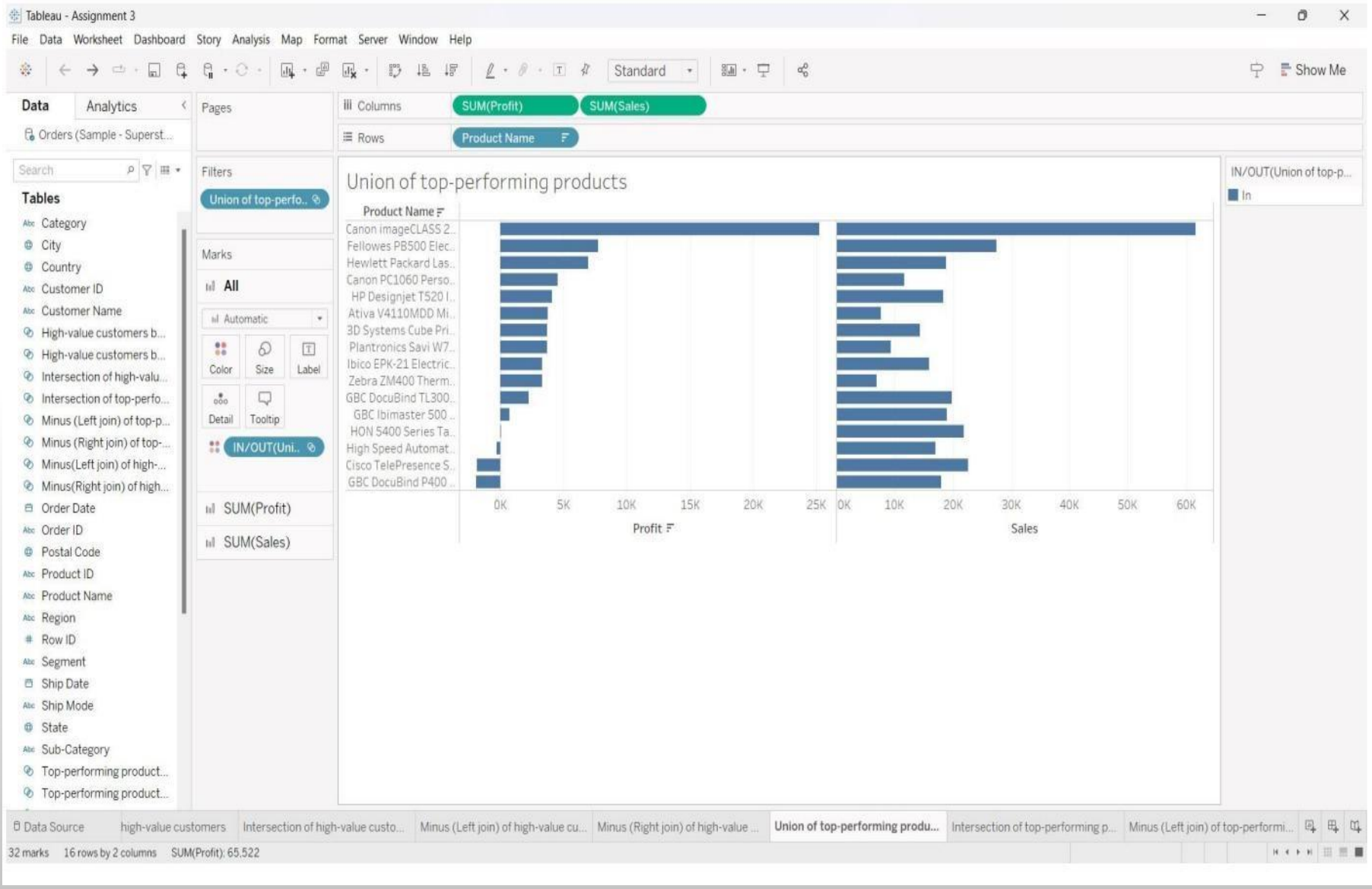
Customer ID
Customer Name
High-value customers b...
High-value customers b...
Intersection of high-valu...
Intersection of top-perfo...
Minus (Left join) of top-p...
Minus (Right join) of top-...
Minus(Left join) of high-...
Minus(Right join) of high...
Order Date
Order ID
Postal Code
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
Sub-Category
Top-performing product...
Top-performing product...
Pages
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
IN/OUT(Top..
Columns
SUM(Profit)
Rows
Product Name
Top-performing products by profit
Product Name
Canon imageCLASS 2...
Fellowes PB500 Elec...
Hewlett Packard Las...
Canon PC1060 Perso...
HP Designjet T520 I...
Ativa V4110MDD Mi...
3D Systems Cube Pri...
Plantronics Savi W7...
Ibico EPK-21 Electric...
Zebra ZM400 Therm...
Honeywell Enviracai...
Hewlett Packard 61...
Plantronics CS510 - ...
Canon Imageclass D...
Fellowes PB300 Plas...
Ibico Ibimaster 300 ...
Logitech Z-906 Spea...
GBC DocuBind TL300...
Razer Tiamat Over E...
Canon PC940 Copier
Sharp AL-1530CS Di...
Hot File 7-Pocket, Fl...
Canon imageCLASS ...
Canon PC1080F Pers...
Adjustable Depth Le...
Hon Deluxe Fabric U...
Samsung Galaxy Me...
Canon Image Class D...
Hewlett-Packard De...
Sanyo Counter Heig...
Sharp 1540cs Digital...
-10K -8K -6K -4K -2K 0K 2K 4K 6K 8K 10K 12K 14K 16K 18K 20K 22K 24K 26K
Profit
IN/OUT(Top-performin...
In
Out
Data Source
High-value customers by sales
High-value customers by profit
Top-performing products by pr...
Top-performing products by sales
Union of high-value customers
Intersection of high-value custo...
Minus (Left join) of high-valu
1850 marks
1850 rows by 1 column
SUM(Profit): 286.397

TOP-PERFORMING PRODUCTS BY PROFIT
TOPPERFORMING PRODUCTS BY SALES

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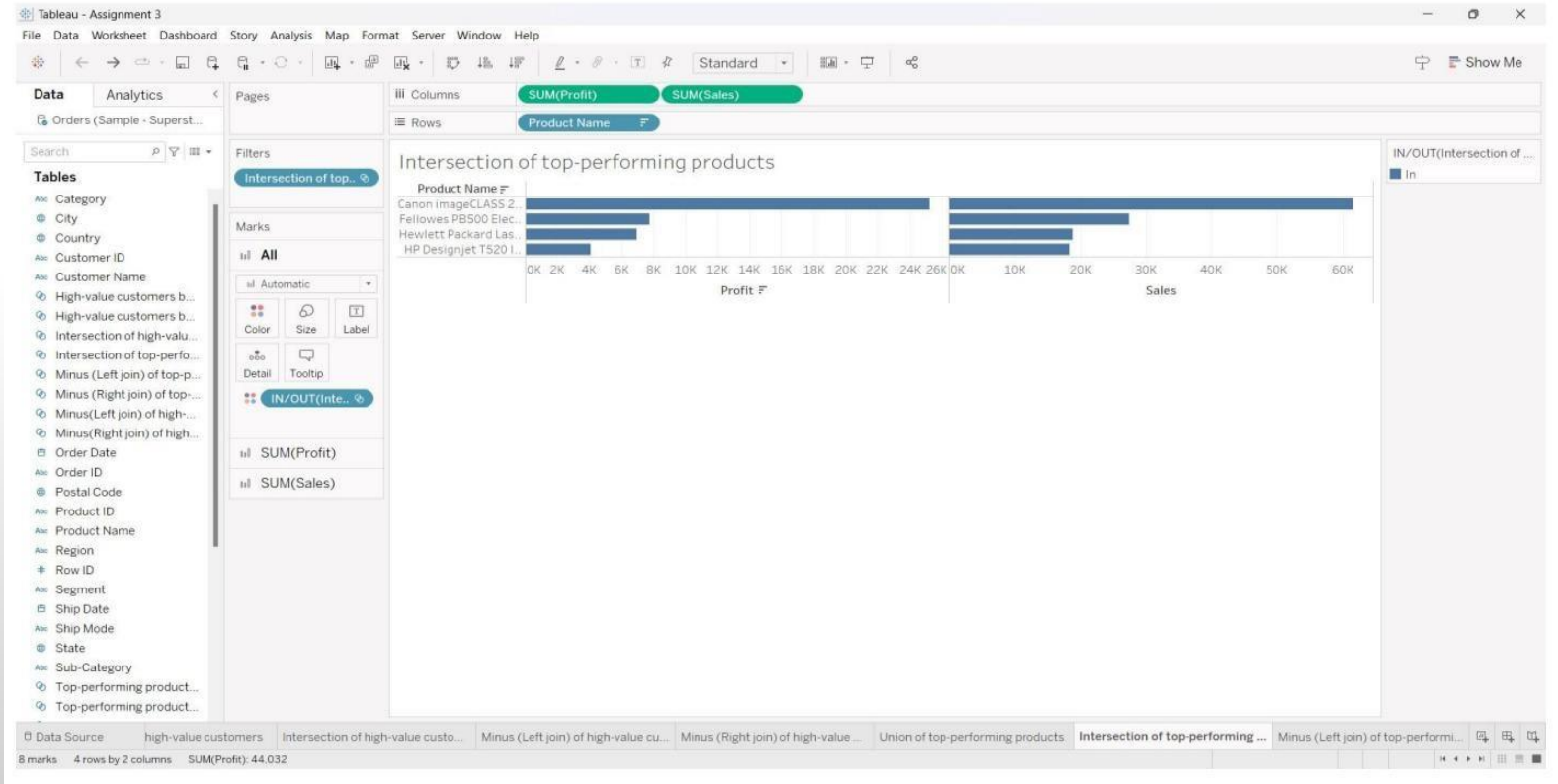
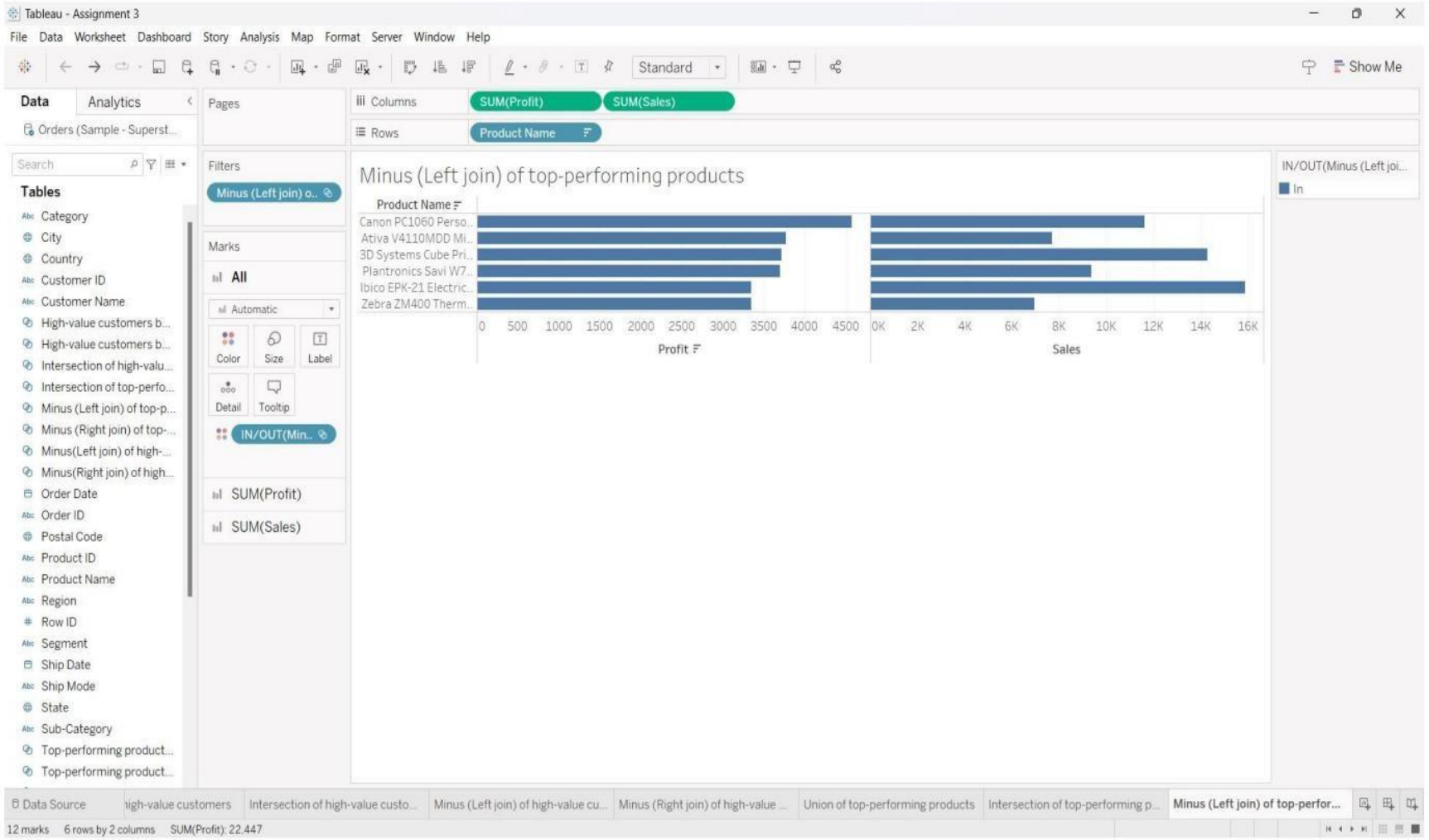
Customer Name
High-value customers b...
High-value customers b...
Intersection of high-valu...
Intersection of top-perfo...
Minus (Left join) of top-p...
Minus (Right join) of top-...
Minus(Left join) of high-...
Minus(Right join) of high...
Order Date
Order ID
Postal Code
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
Sub-Category
Top-performing product...
Top-performing product...
Pages
Filters
Union of top-perfo..
Marks
All
Automatic
Color
Size
Label
Detail
Tooltip
IN/OUT(Uni..
SUM(Profit)
SUM(Sales)
Columns
SUM(Profit)
SUM(Sales)
Rows
Product Name
Union of top-performing products
Product Name
Canon imageCLASS 2...
Fellowes PB500 Elec...
Hewlett Packard Las...
Canon PC1060 Perso...
HP Designjet T520 I...
Ativa V4110MDD Mi...
3D Systems Cube Pri...
Plantronics Savi W7...
Ibico EPK-21 Electric...
Zebra ZM400 Therm...
GBC DocuBind TL300...
GBC Ibimaster 500 ...
HON 5400 Series Ta...
High Speed Automat...
Cisco TelePresence S...
GBC DocuBind P400 ...
0K 5K 10K 15K 20K 25K
Profit
0K 10K 20K 30K 40K 50K 60K
Sales
IN/OUT(Union of top-p...
In
Data Source
high-value customers
Intersection of high-value custo...
Minus (Left join) of high-value cu...
Minus (Right join) of high-value ...
Union of top-performing produ...
Intersection of top-performing p...
Minus (Left join) of top-performi...
32 marks
16 rows by 2 columns
SUM(Profit): 65,522

UNION OF TOP-PERFORMING PRODUCTS INTERSECTON OF TOP-PERFORMING PRODUCTS

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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...
Pages
Filters
Minus (Left join) o..
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Size
Label
Detail
Tooltip
IN/OUT(Min..
SUM(Profit)
SUM(Sales)
Columns
SUM(Profit)
SUM(Sales)
Rows
Product Name
Minus (Left join) of top-performing products
Product Name
Canon PC1060 Perso..
Ativa V4110MDD Mi..
3D Systems Cube Pri..
Plantronics Savi W7..
Ibico EPK-21 Electric..
Zebra ZM400 Therm..
0 500 1000 1500 2000 2500 3000 3500 4000 4500
Profit
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Sales
IN/OUT(Minus (Left joi...
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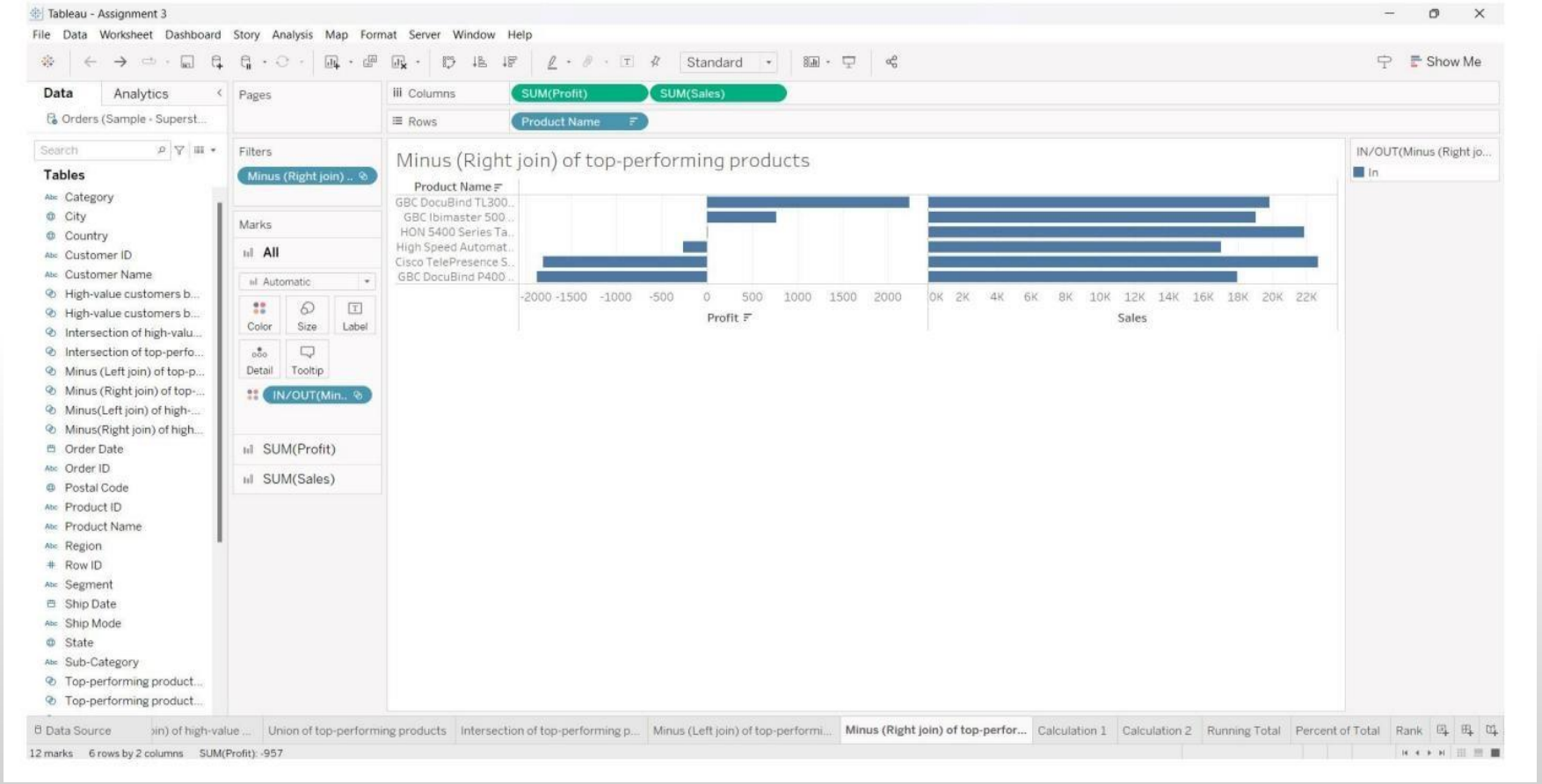
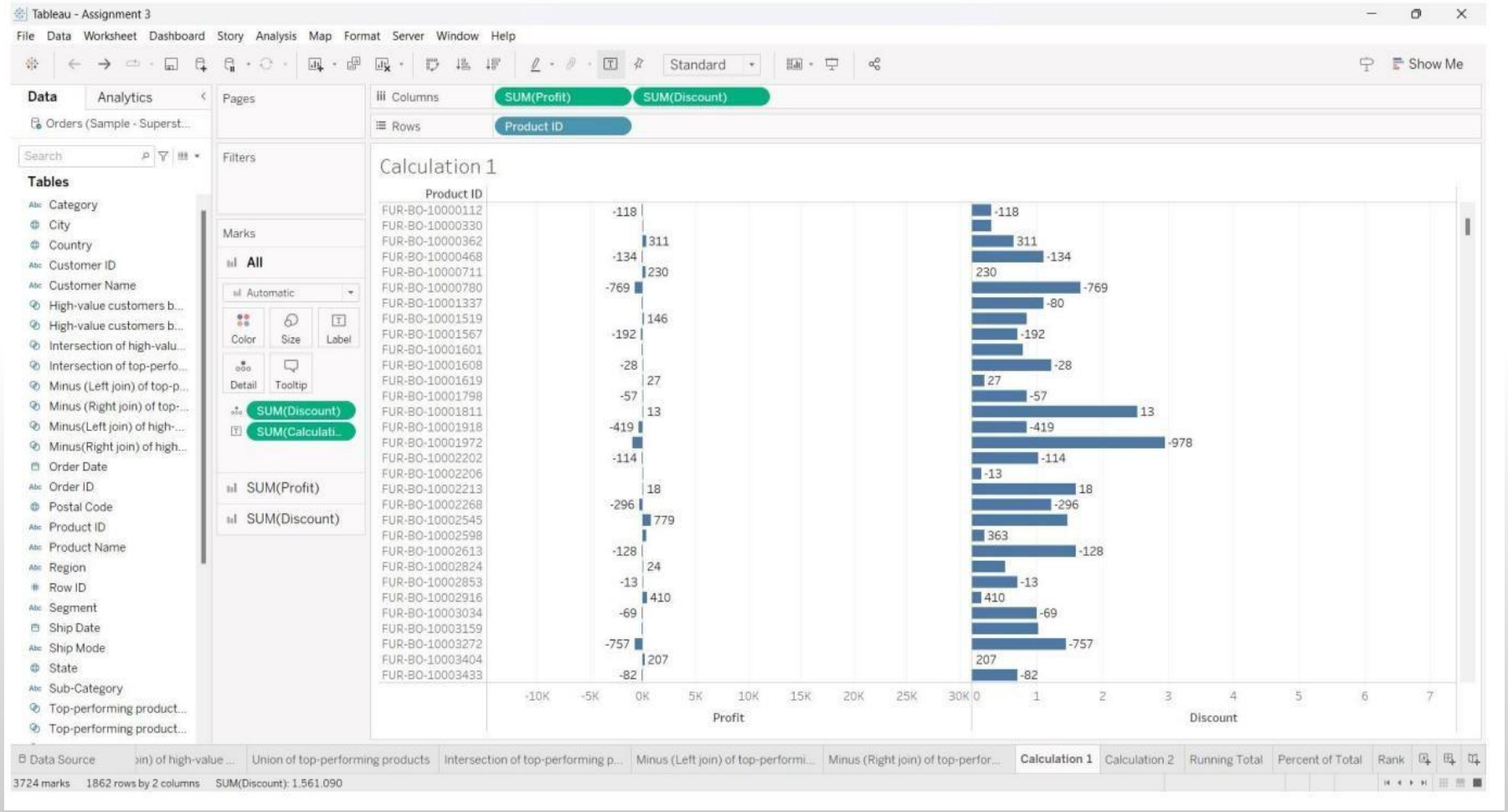
Data Source
high-value customers
Intersection of high-value custo...
Minus (Left join) of high-value cu...
Minus (Right join) of high-value ...
Union of top-performing products
Intersection of top-performing p...
Minus (Left join) of top-perfor...
12 marks
6 rows by 2 columns
SUM(Profit): 22,447

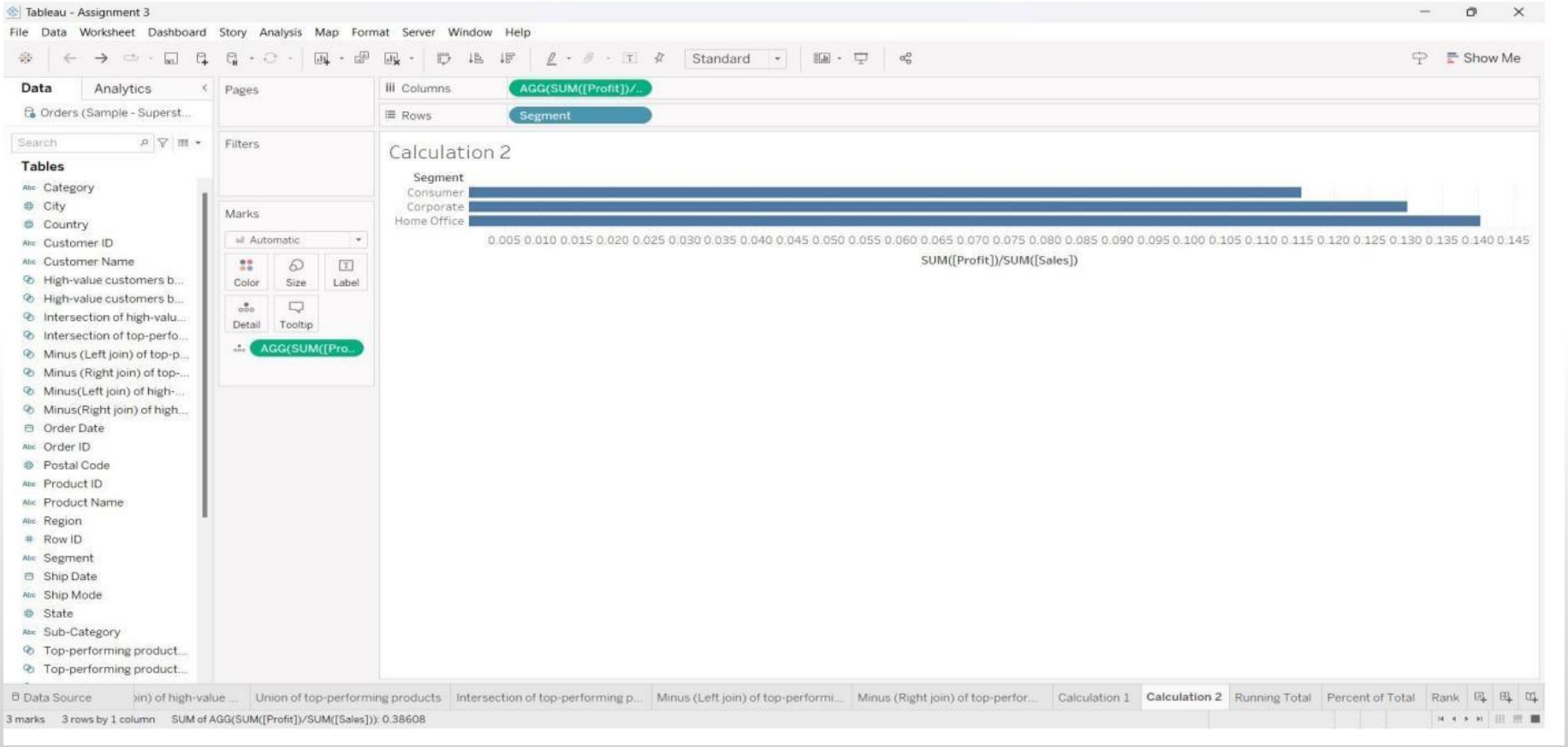
MINUS(LEFT JOIN) OF TOP-PERFORMING PRODUCTS
MINUS(RIGHT JOIN) OF TOP-PERFORMING PRODUCTS



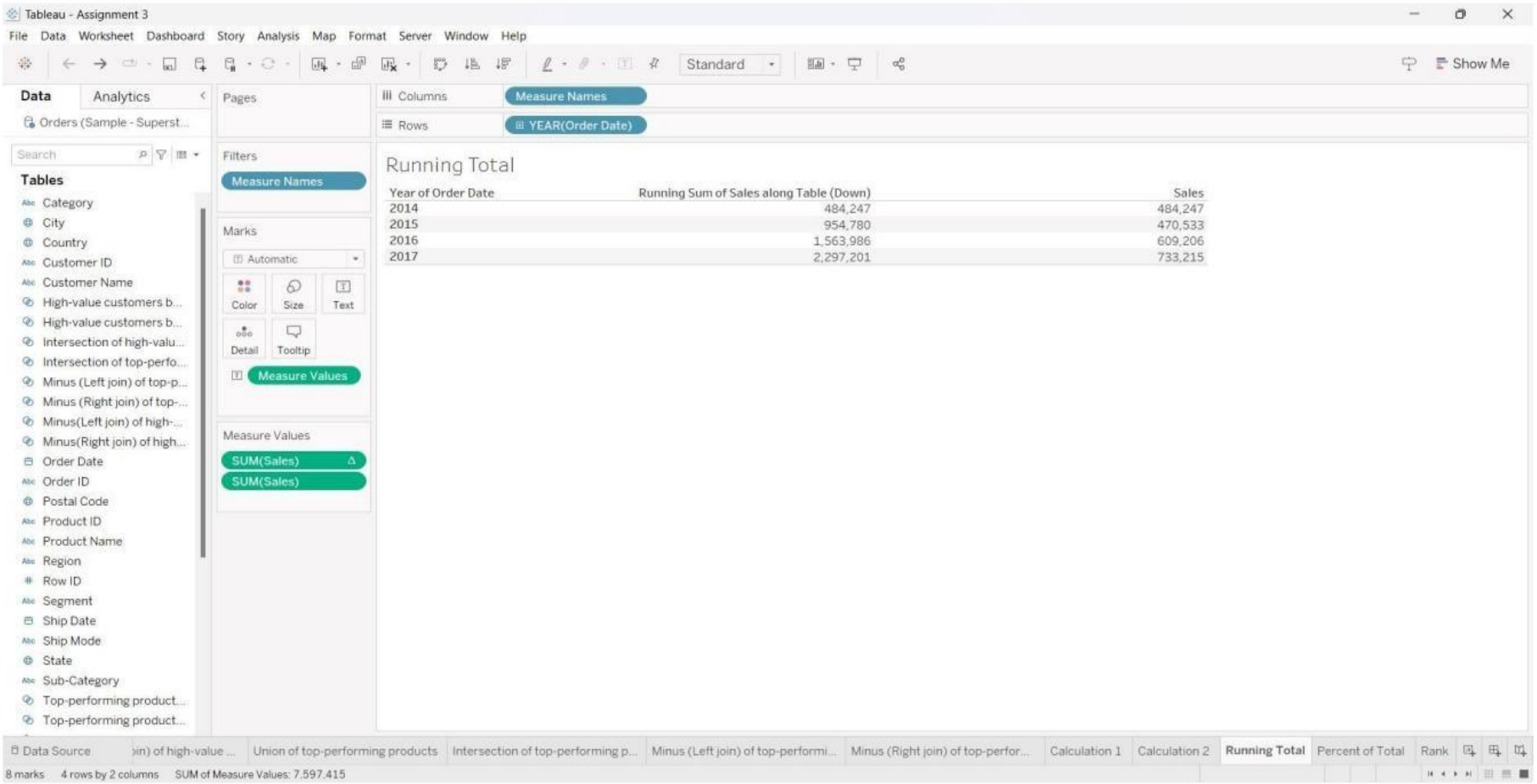
CALUCLATED FILED-1



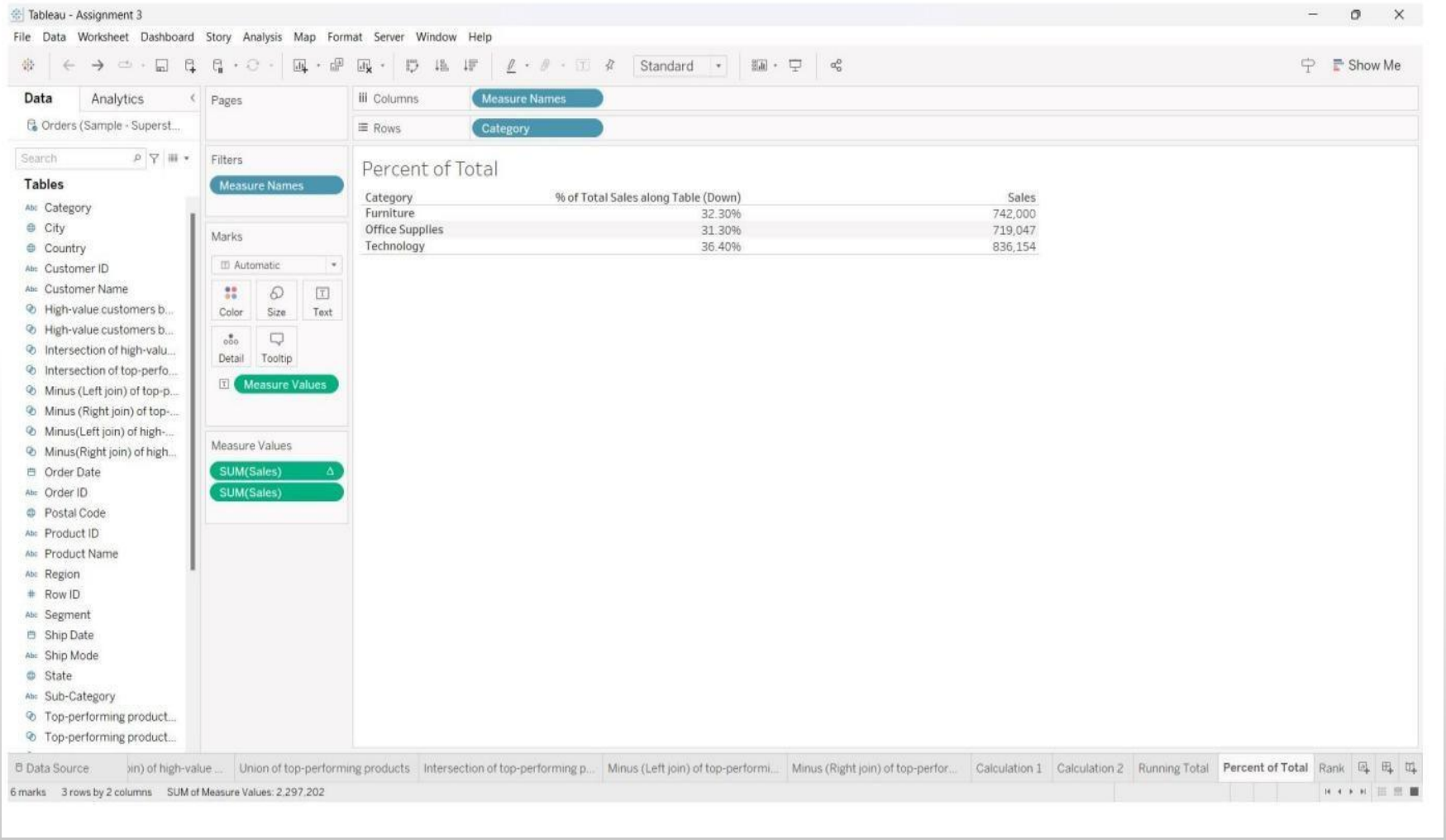
CALUCLATED FIELD-2



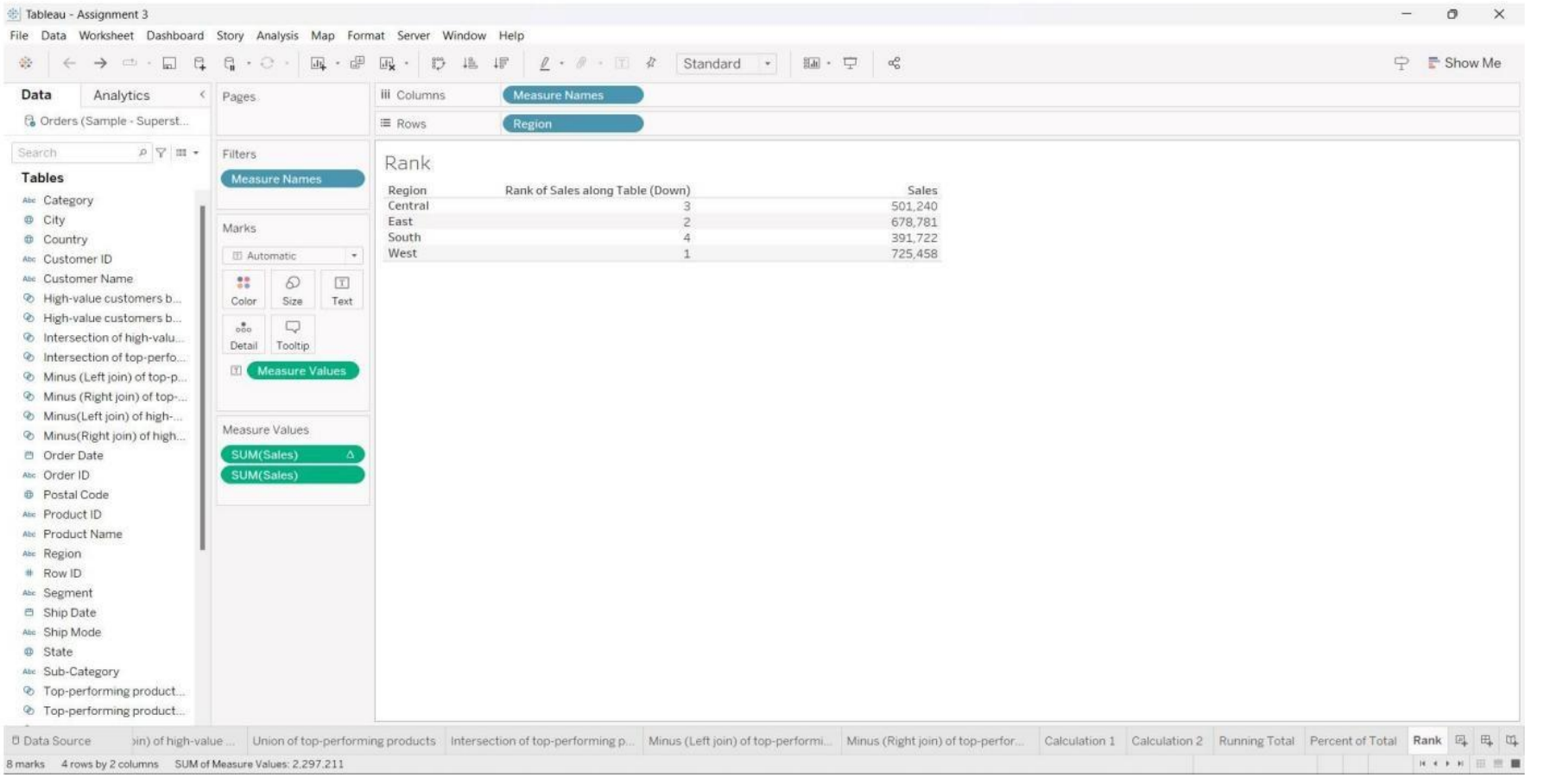
QUICK TABLE CALUCLATIONS:RUNNING TOTAL



PERCENT OF TOTAL



RANK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Standard
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Data
Analytics
Orders (Sample - Superst...
Search
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...
Pages
Filters
Measure Names
Marks
Automatic
Color
Size
Text
Detail
Tooltip
Measure Values
Measure Values
SUM(Sales)
SUM(Sales)
Columns
Measure Names
Rows
Region
Rank
Region
Rank of Sales along Table (Down)
Sales
Central 3 501,240
East 2 678,781
South 4 391,722
West 1 725,458
Data Source
Union of top-performing products
Intersection of top-performing p...
Minus (Left join) of top-performi...
Minus (Right join) of top-perfor...
Calculation 1
Calculation 2
Running Total
Percent of Total
Rank
8 marks
4 rows by 2 columns
SUM of Measure Values: 2,297,211