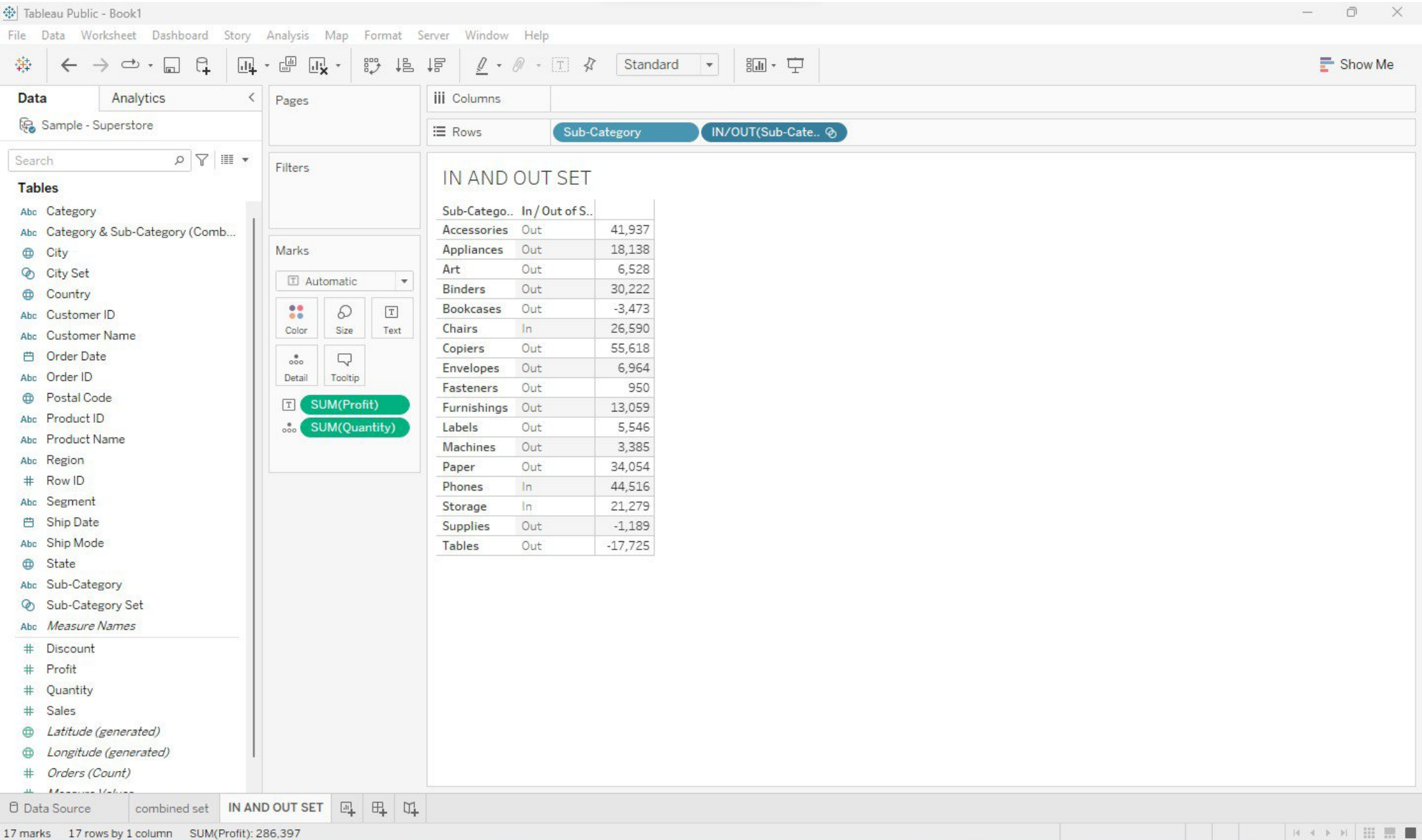


Combined set

- In the following combined set I combined category and sub category using sets
- Then the combined set field is created
- That is taken in rows
- Dragged sales to text for sales in table

In and out set

- In the following in and out set I created set of sub category
- In create set I have used condition and top
- Taken sub category and created set in rows
- The table shows top 3 as in and others as out |



- **As joins means combination of data from different tables or even different data sources**
- **In the following union, intersection and left join**
- **I have combined one data source data and another data source**
- **In union both data sources, in intersection the common data in both, in left join data of first data source and common data of two data sources |**

Add

Microsoft Excel

Text file

9

☐ Use Data Interpreter

Data Interpreter might be able to clean your Text file workbook.

supermarket_...- Sheet1.csv

 New Table Extension

Filters
0 | Add

✕

supermarket sales - Sheet1.csv

38 fields 10994 rows

→ rows



rows



15

Orders

Type	Field Name	Physical Table	Remote Fiel...
#	Row ID	Orders	Row ID
Abc	Order ID	Orders	Order ID
📅	Order Date	Orders	Order Date

# Orders	Abc Orders	 Orders	 Orders	Abc Orders	Abc Orders	Abc Orders
Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name
1	CA-2016-152156	08-11-2016	11-11-2016	Second Class	CG-12520	Claire
2	CA-2016-152156	08-11-2016	11-11-2016	Second Class	CG-12520	Claire
3	CA-2016-138688	12-06-2016	16-06-2016	Second Class	DV-13045	Darrin
4	US-2015-108966	11-10-2015	18-10-2015	Standard Class	SO-20335	Sean
5	US-2015-108966	11-10-2015	18-10-2015	Standard Class	SO-20335	Sean
6	CA-2014-115812	09-06-2014	14-06-2014	Standard Class	BH-11710	Brosin
7	CA-2014-115812	09-06-2014	14-06-2014	Standard Class	BH-11710	Brosin

combined set

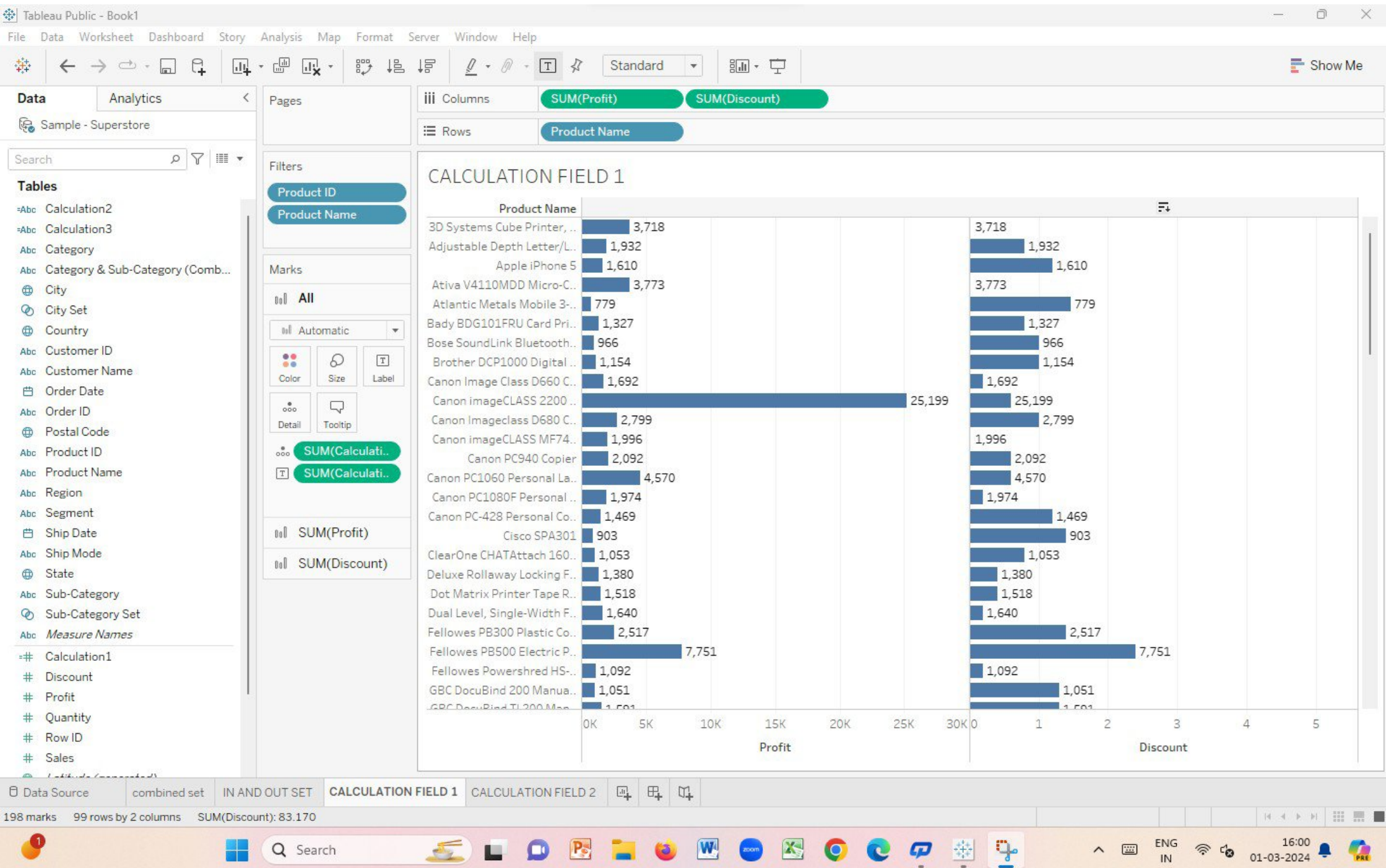
IN AND OUT SET

SHEET3



Calculation field 1

- **In the following calculation field I have created calculation using profit and discount**
- **Taken profit and discount in columns to show profit and discount of products**
- **Taken product name in rows to show product names**
- **Dragged created calculation field in labels so that it labels to both discount and profit to each product**

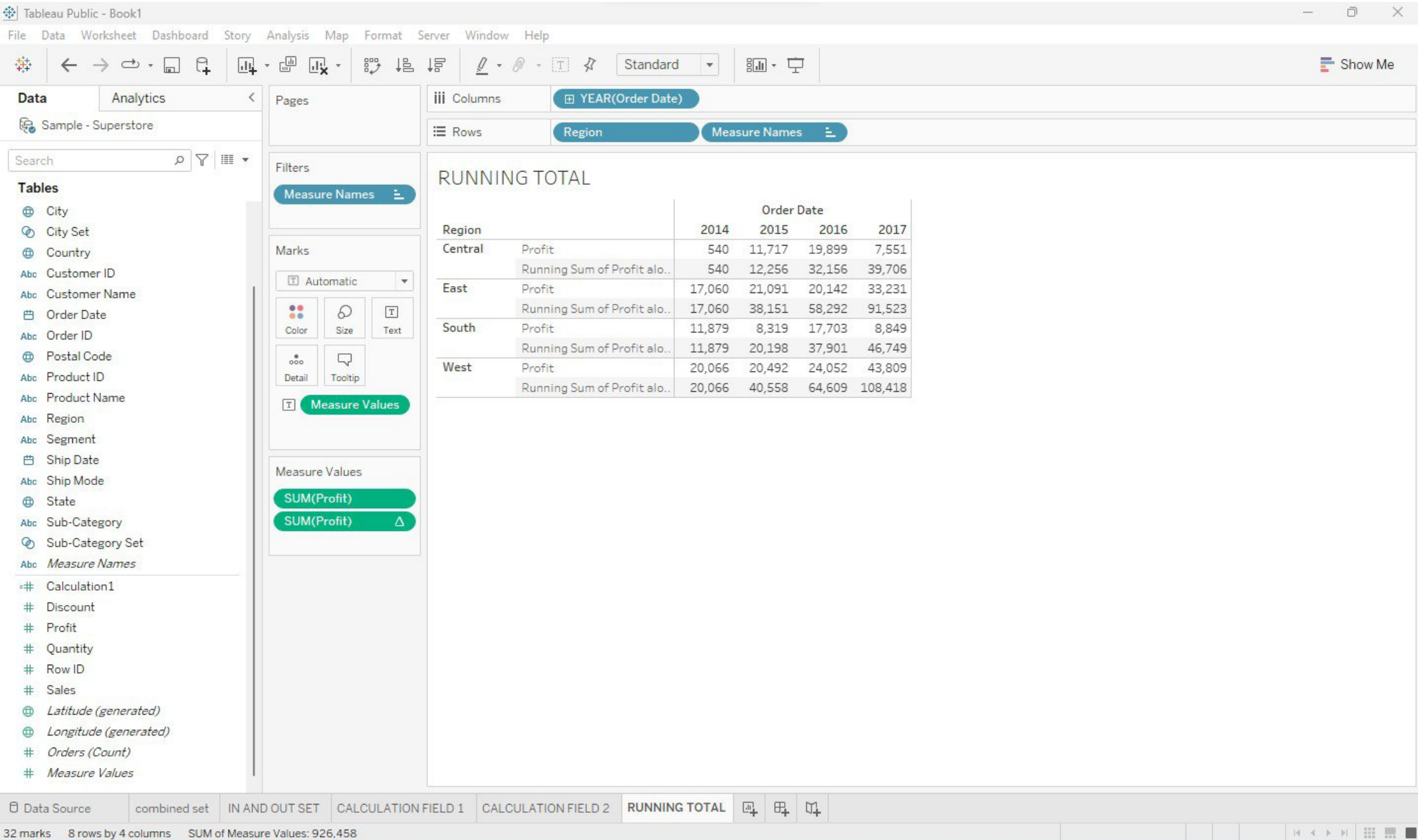


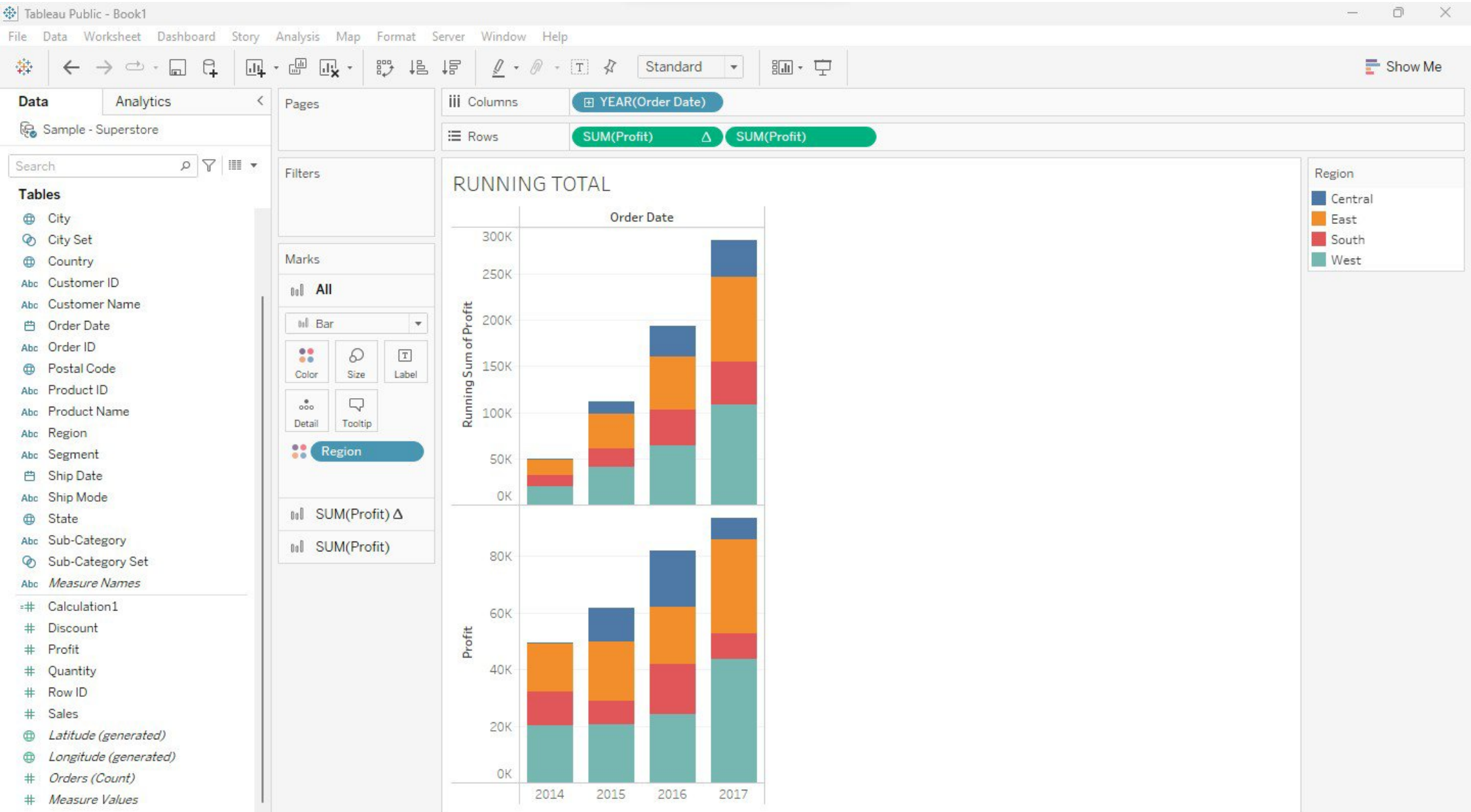
Calculation field 2

- In the following calculation field 2 I have created calculation field by If[profit]>0 then “profit” else “loss” end calculation
- Taken product name and created calculation field in rows to show either profit or loss of each product
- Dragged profit in text for profit values in table
- By this table we can see which product has profit and which has loss clearly

Running total

- **In the following running total I have used quick table calculation**
- **Dragged profit to marks and selected quick table calculation -> running total by right clicking**
- **Taken order date in columns and region to show running total of profit and profit of each region and year**
- **Taken profit also to show profit in table**





Difference

- In the following difference table I have used quick table calculation to find the difference in quantity from previous year
- First taken quantity->right click ->quick table calculation ->difference
- Taken measure names in columns and order date in rows
- Quantity also taken in table to show the difference in quantity and quantity in same table

Tableau Public - Book1

FileDataWorksheetDashboardStoryAnalysisMapFormatServerWindowHelp

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Standard

Show Me

DataAnalytics

Sample - Superstore

Search

Tables

City

City Set

Country

Customer ID

Customer Name

Order Date

Order ID

Postal Code

Product ID

Product Name

Region

Segment

Ship Date

Ship Mode

State

Sub-Category

Sub-Category Set

Measure Names

Calculation1

Discount

Profit

Quantity

Row ID

Sales

Latitude (generated)

Longitude (generated)

Orders (Count)

Measure Values

Pages

Filters

Marks

Measure Values

Columns

Rows

Measure Names

YEAR(Order Date)

DIFFERENCE

Year of Order Date	Quantity	Difference in Quantity from the Previous along Table (Do..
2014	7,581	
2015	7,979	398
2016	9,837	1,858
2017	12,476	2,639

Data Source

combined set

IN AND OUT SET

CALCULATION FIELD 1

CALCULATION FIELD 2

RUNNING TOTAL

DIFFERENCE

8 marks

4 rows by 2 columns

SUM of Measure Values: 42,768

1

Windows Taskbar

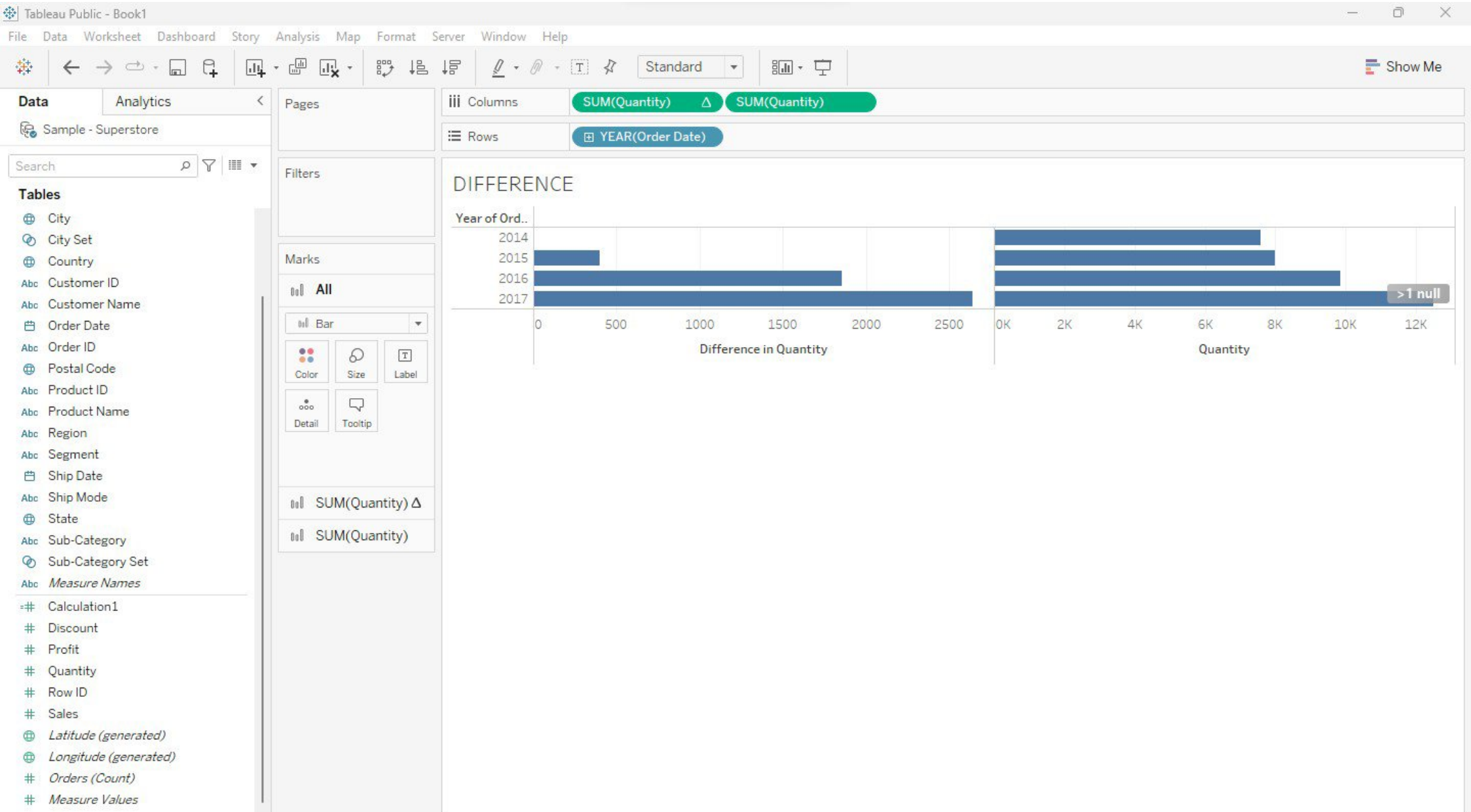
Search

Taskbar Icons

System Tray

16:18

01-03-2024



RANK

- In the following rank I have used quick table calculation to show the rank sales of each city
- Sales ->right click ->quick table calculation ->rank
- Taken measure names in columns and city in rows
- In this I have used sorting so that ranks start from one.

