

An abstract graphic consisting of several thin, white, parallel lines that originate from the bottom left and extend towards the top right, creating a sense of movement and depth against the blue background.

SMART BRIDGE EXTERNSHIP

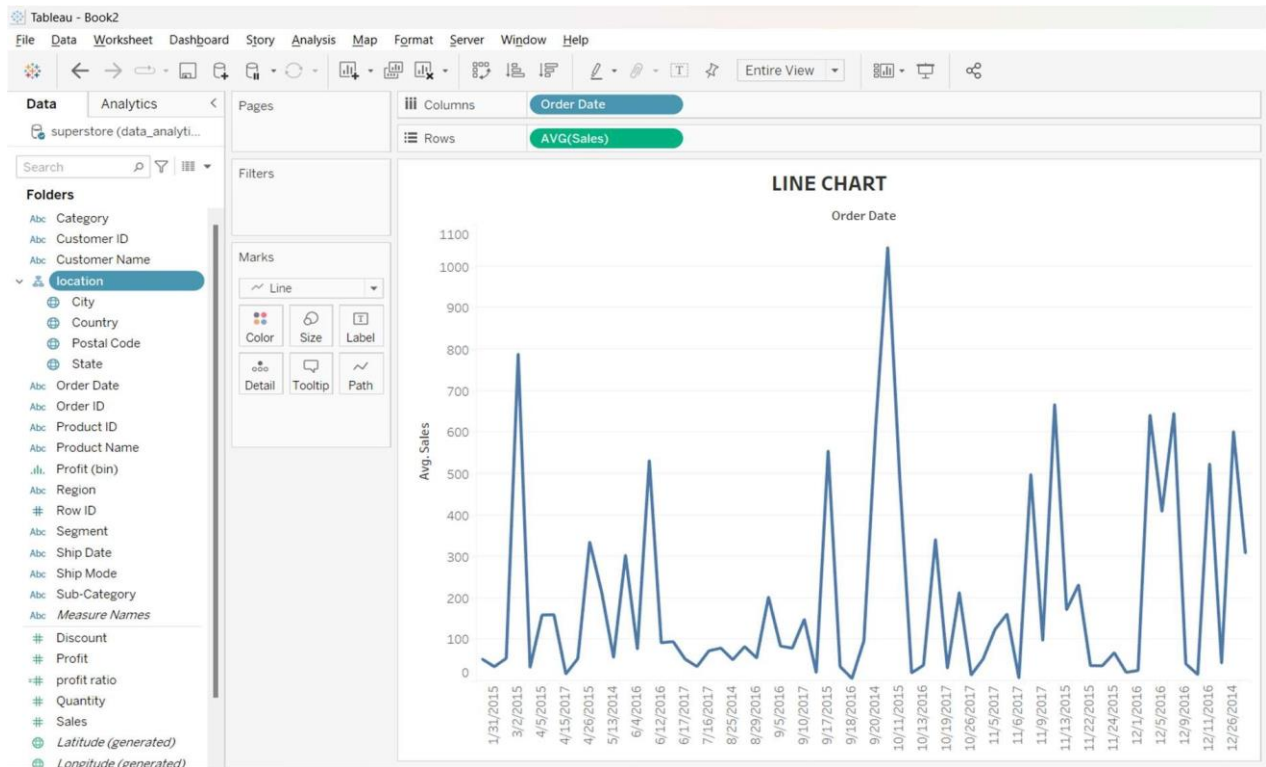
NAME : Vancha Ankitha Reddy

Reg No: 20BCT0041

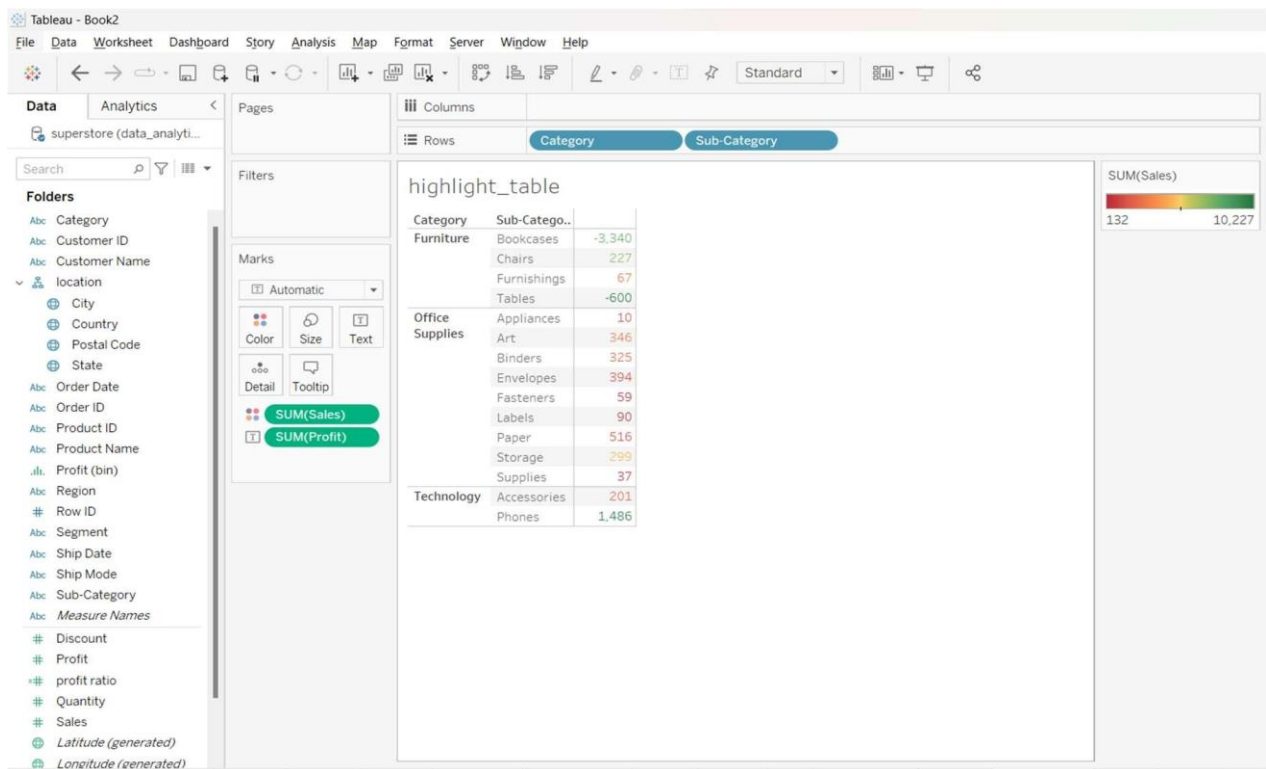
ASSIGNMENT – 2

1) Create any 7 data visualizations/charts and perform the following.

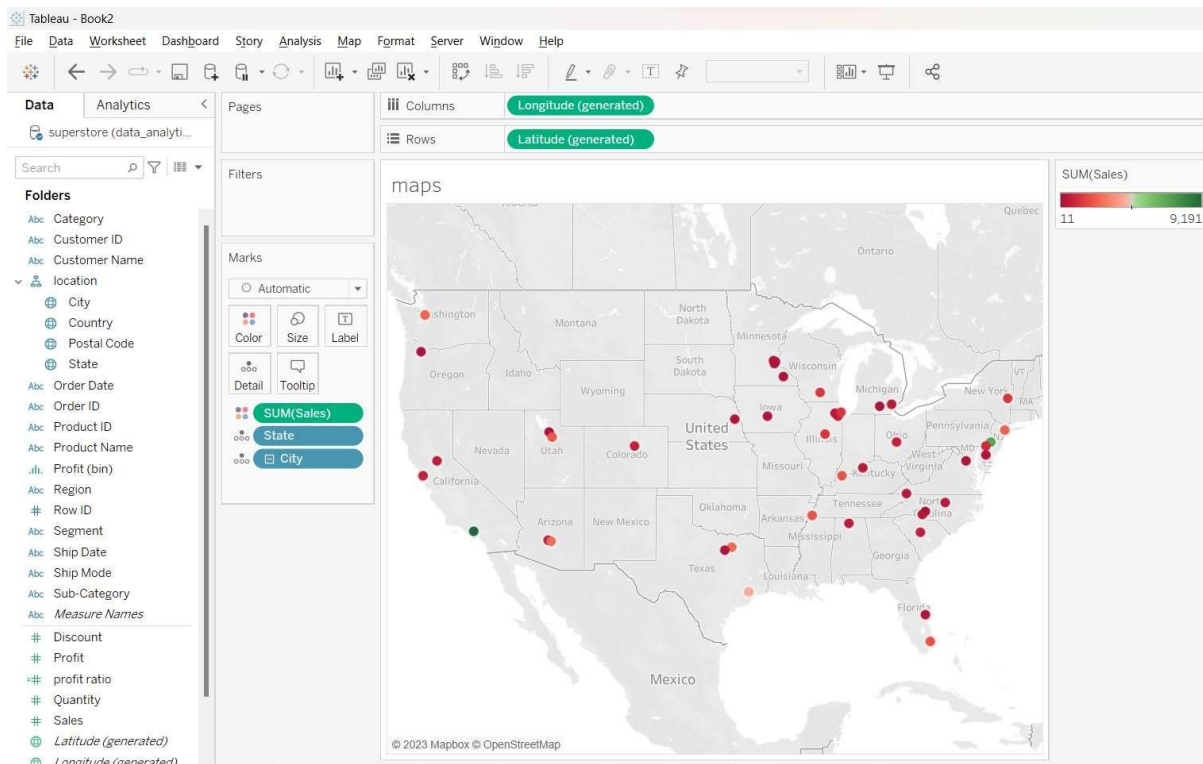
a. Line Chart



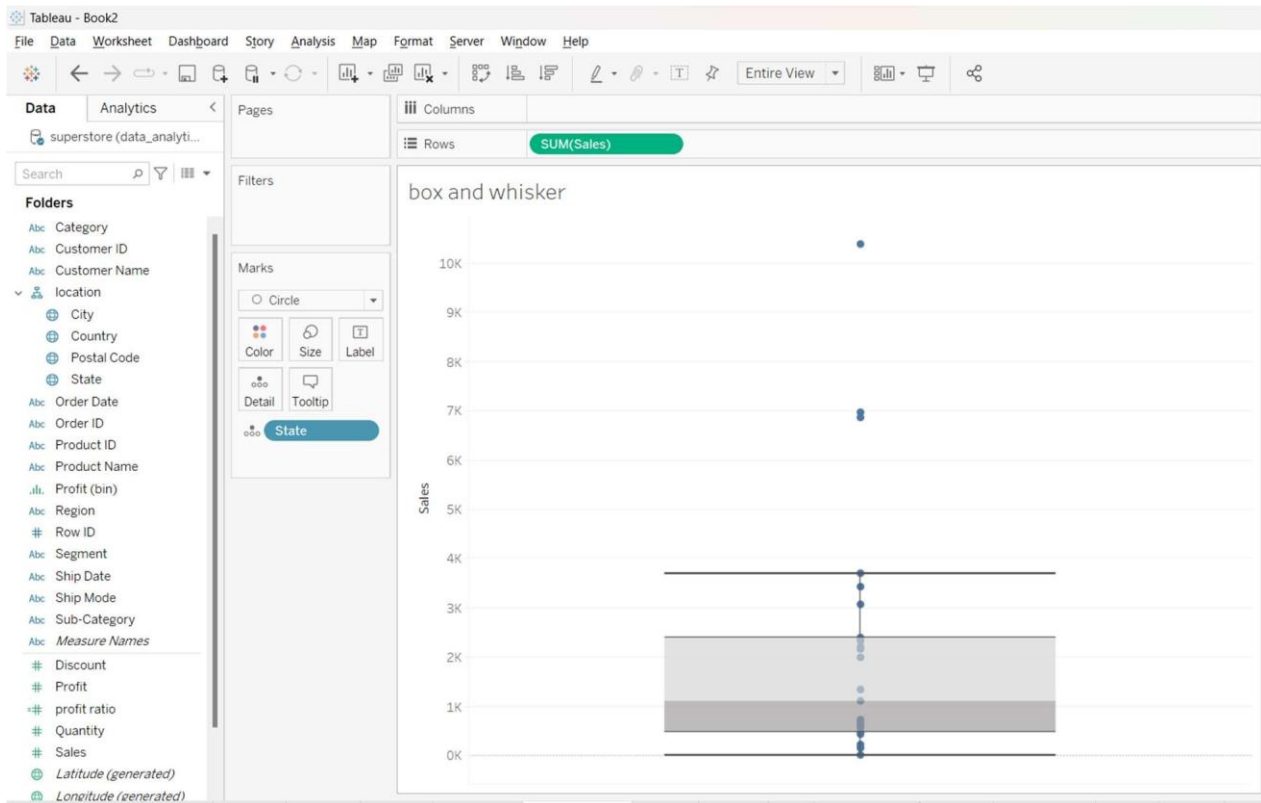
b. Highlight Table



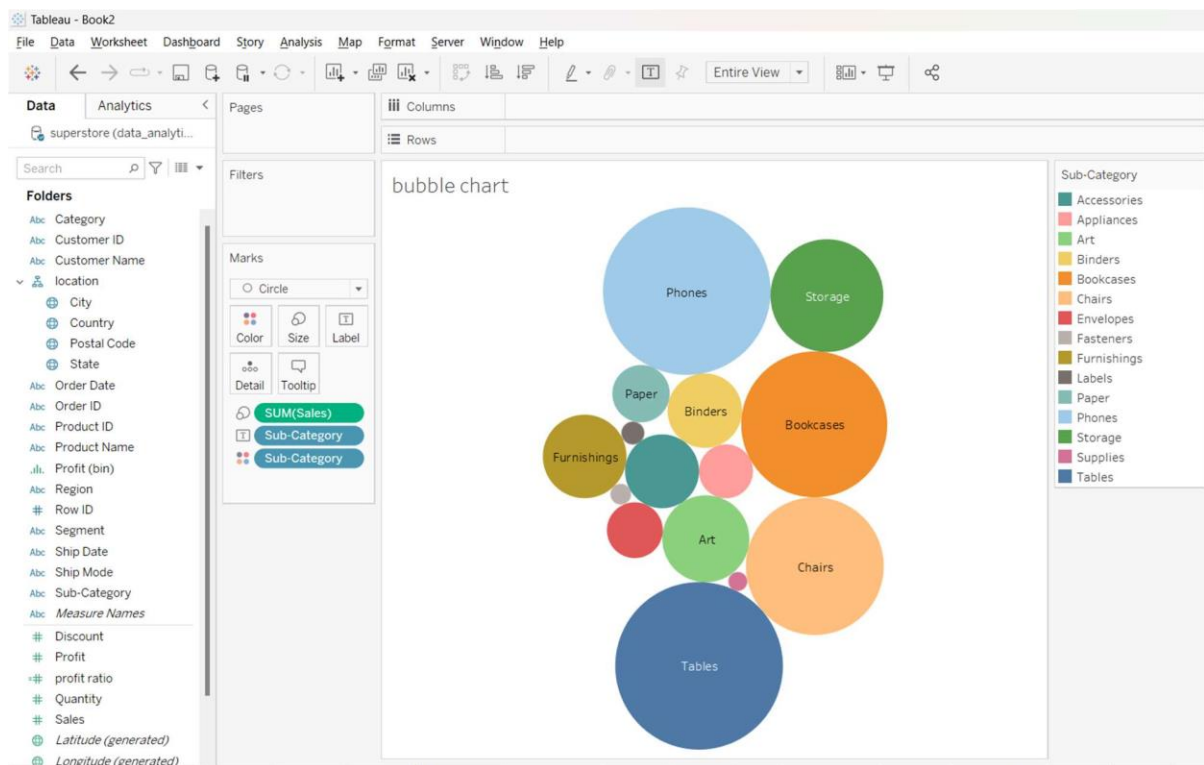
c. Map format



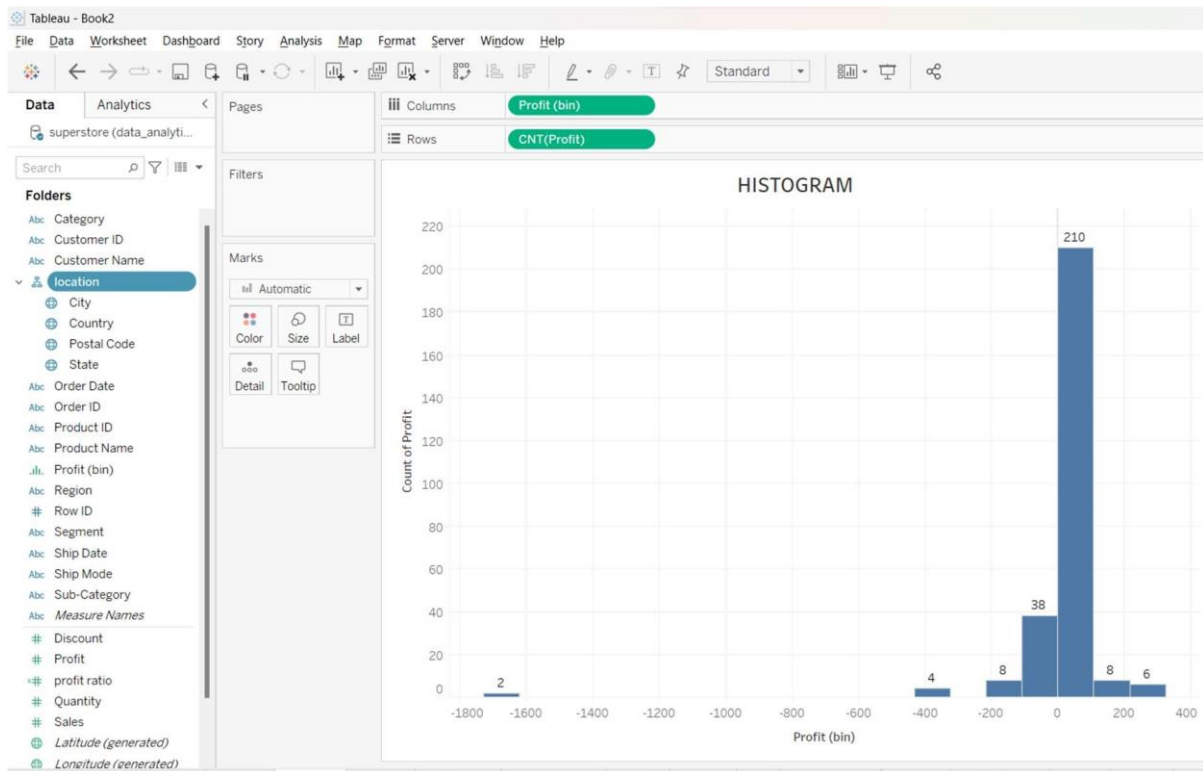
d. Box and Whisker



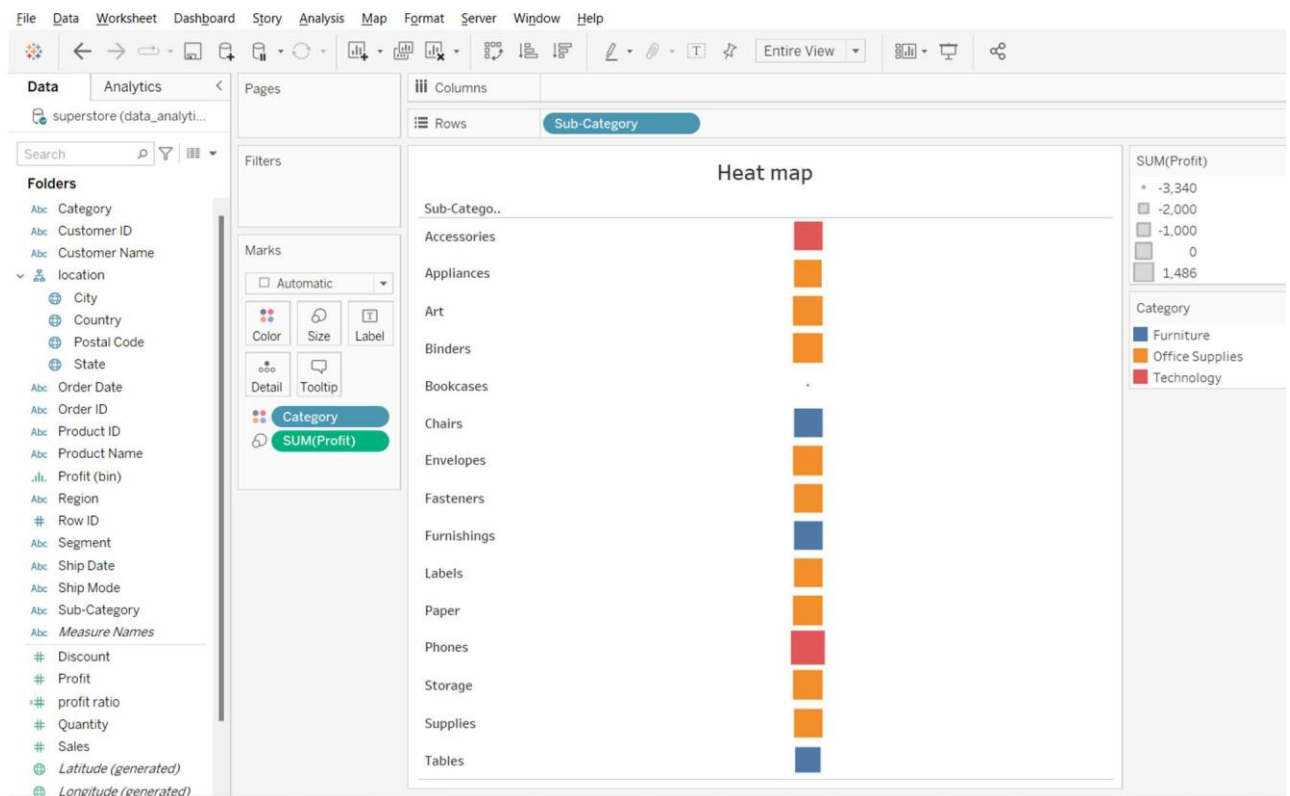
e. Bubble chart



f. Histogram



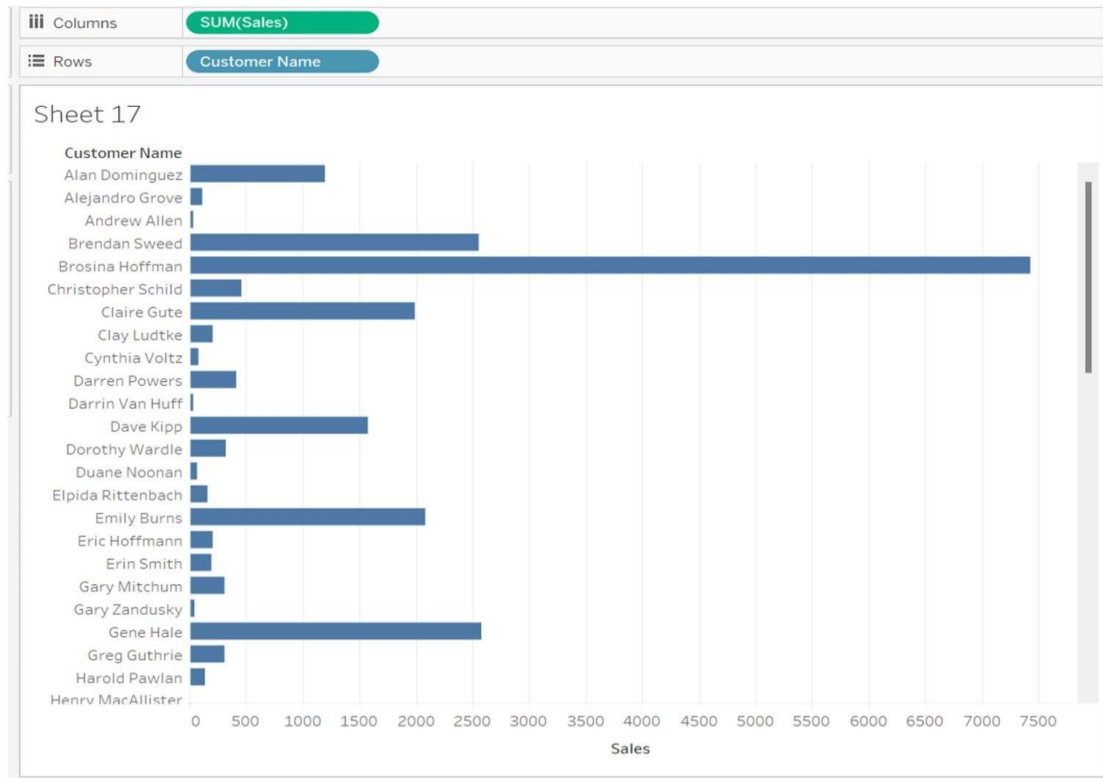
g. Heat Map



2) Apply dimension filter, context, and measure filter on any of the three Visualizations.

Dimensional Filter

Before Filter:



Filter [Customer Name]

General Wildcard Condition Top

☒ Select from list ☐ Custom value list ☐ Use all

Enter search text

- ☐ Christopher Schild
- ☐ Claire Gute
- ☒ Clay Ludtke
- ☐ Cynthia Voltz
- ☒ Darren Powers
- ☐ Darrin Van Huff
- ☐ Dave Kipp
- ☐ Dorothy Wardle
- ☐ Duane Noonan
- ☒ Elpida Rittenbach
- ☐ Emily Burns

All None ☐ Exclude

Summary

Field: [Customer Name]

Selection: Selected 7 of 64 values

Wildcard: All

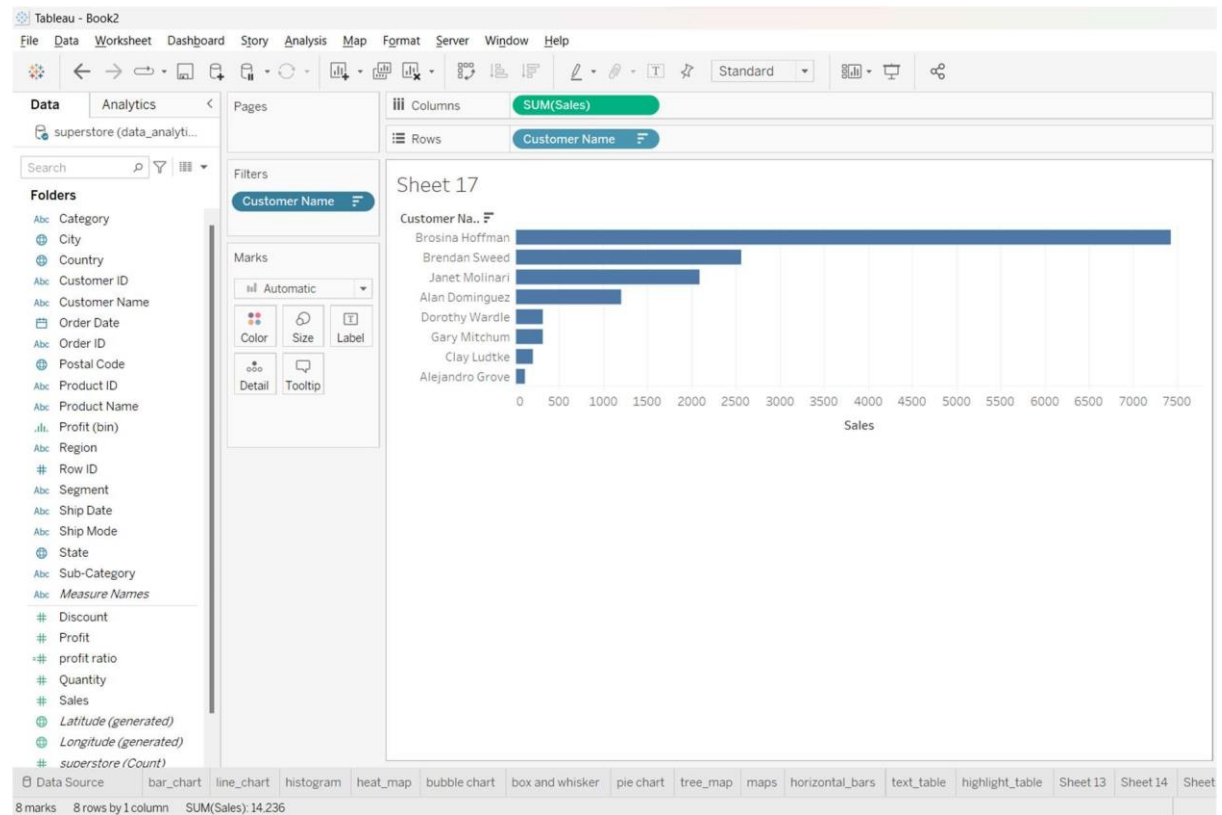
Condition: None

Limit: None

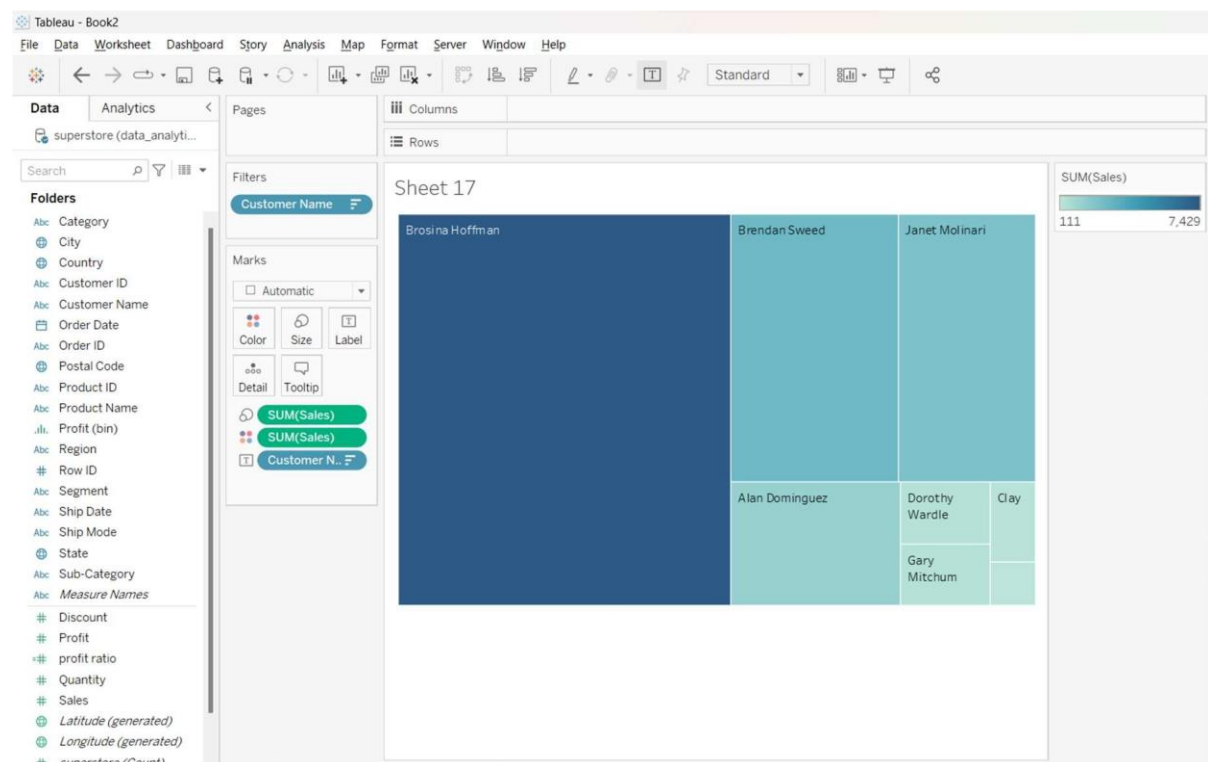
Reset OK Cancel Apply

After Filter

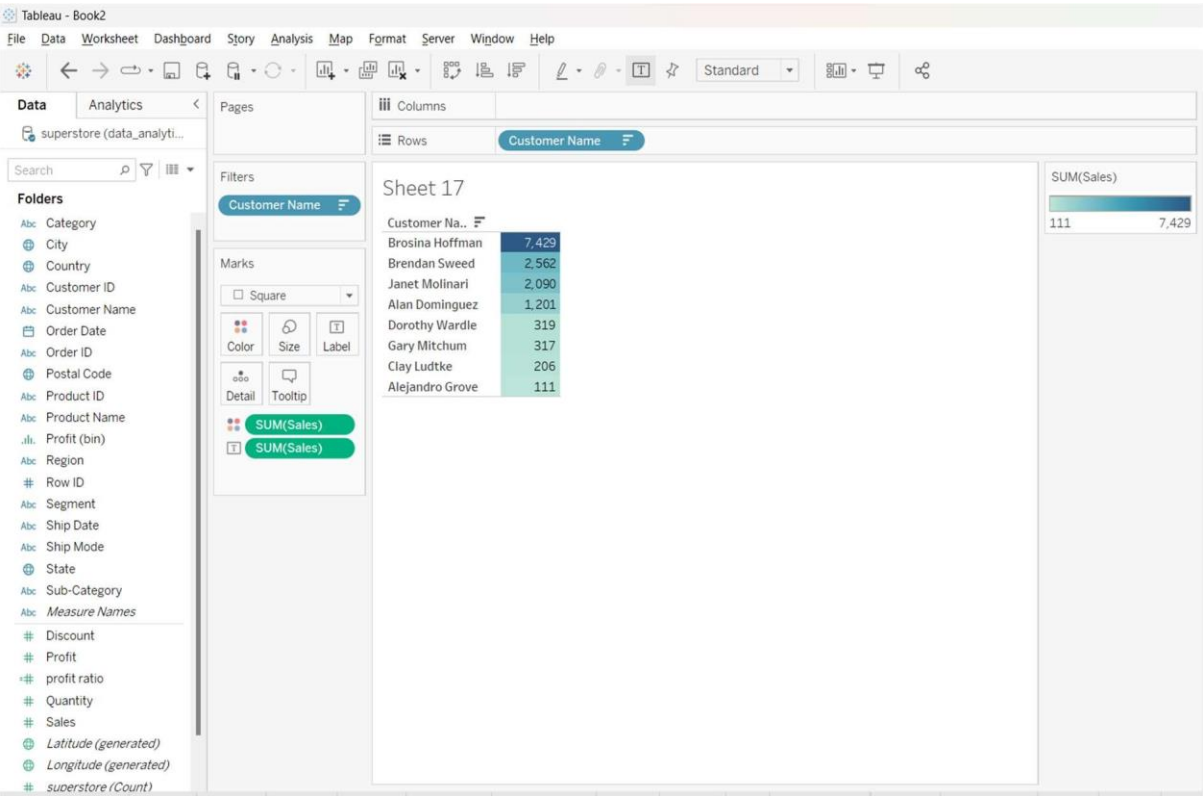
Horizontal Bars



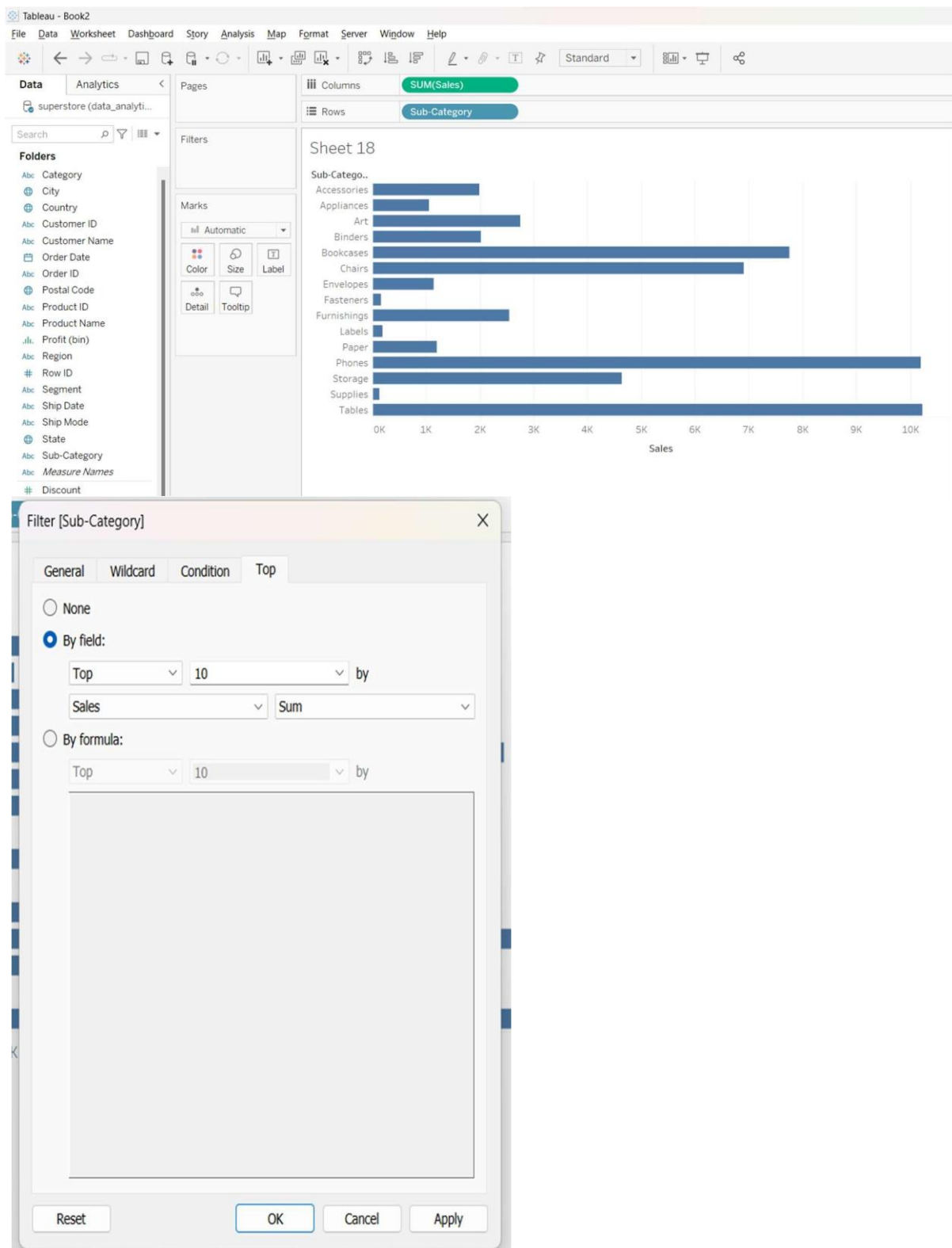
Tree Map:



Highlight Table:



Context Filtering: Before context Filter:



Filter [Category] X

General Wildcard Condition Top

☒ Select from list ☐ Custom value list ☐ Use all

Enter search text

☐ Furniture
☒ Office Supplies
☐ Technology

All None ☐ Exclude

Summary
Field: [Category]
Selection: Selected 1 of 3 values
Wildcard: All
Condition: None
Limit: None

Reset OK Cancel Apply

Filters

Sub-Category

Category: Office ..

Edit Filter...

Show Filter

Clear Filter

Add to Context

Apply to Worksheets

Create Set...

Sheet

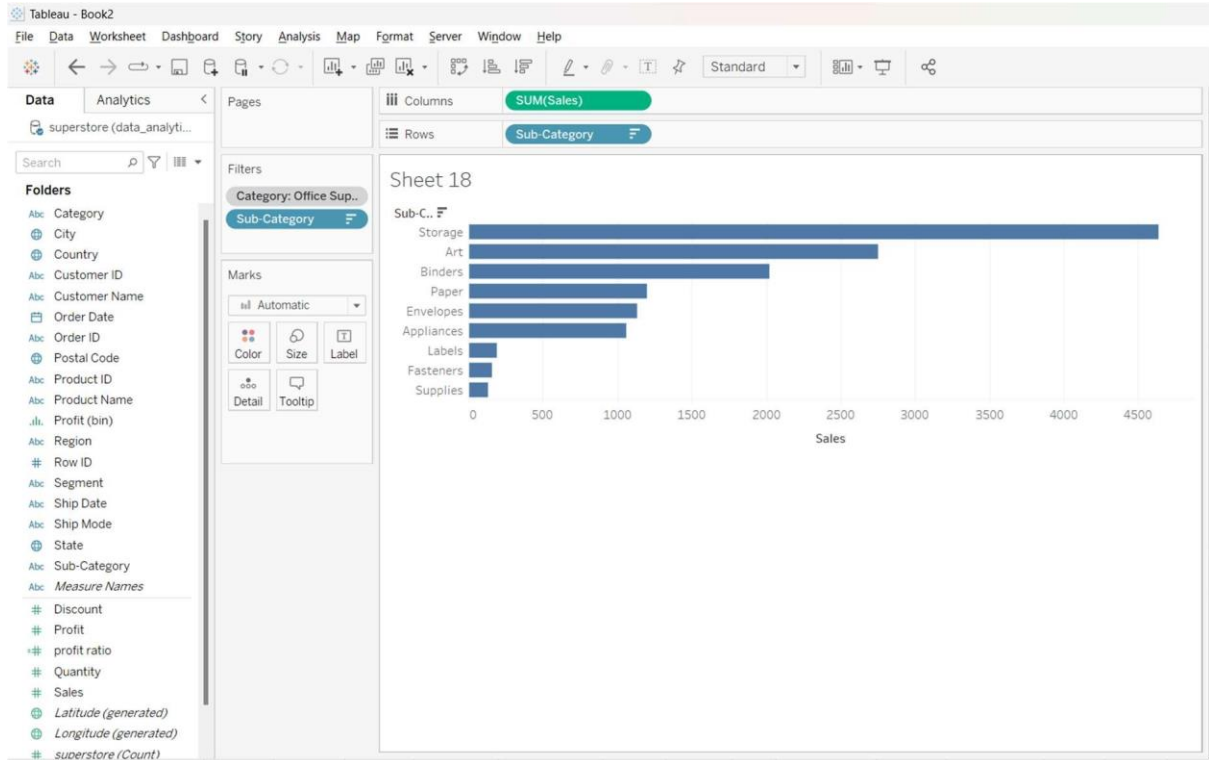
Sub-C..

Sto

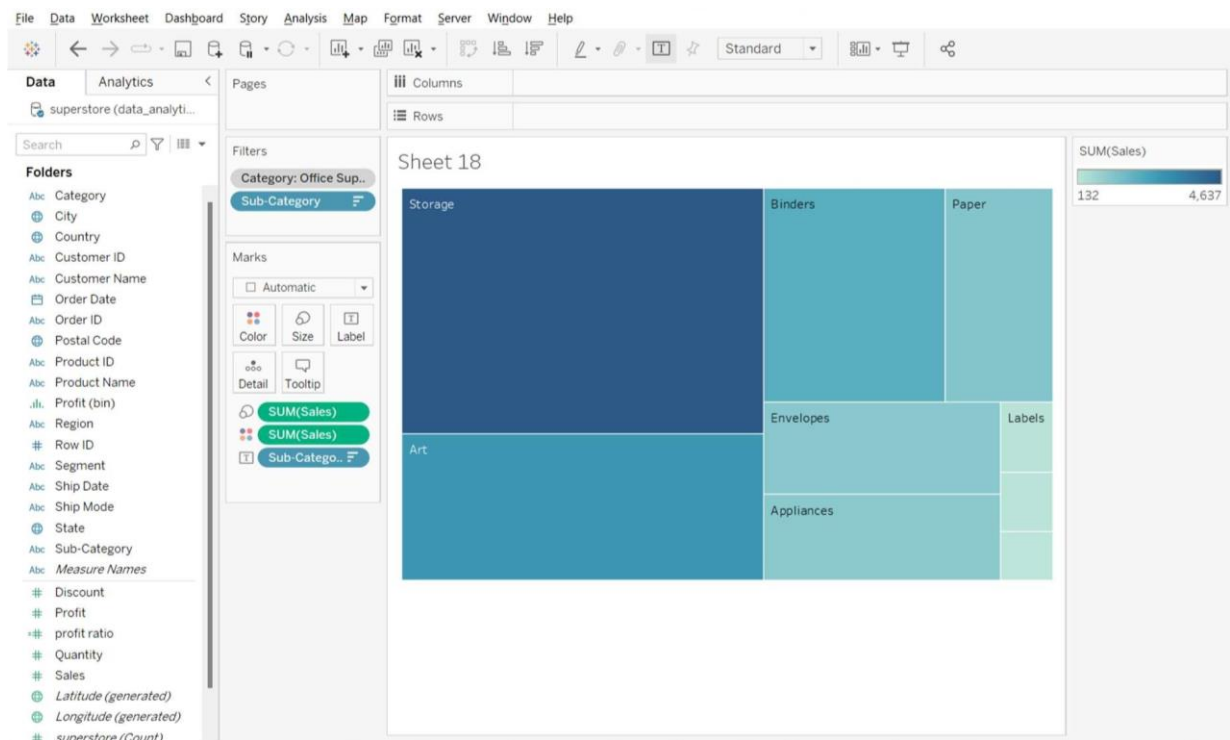
Bin

P

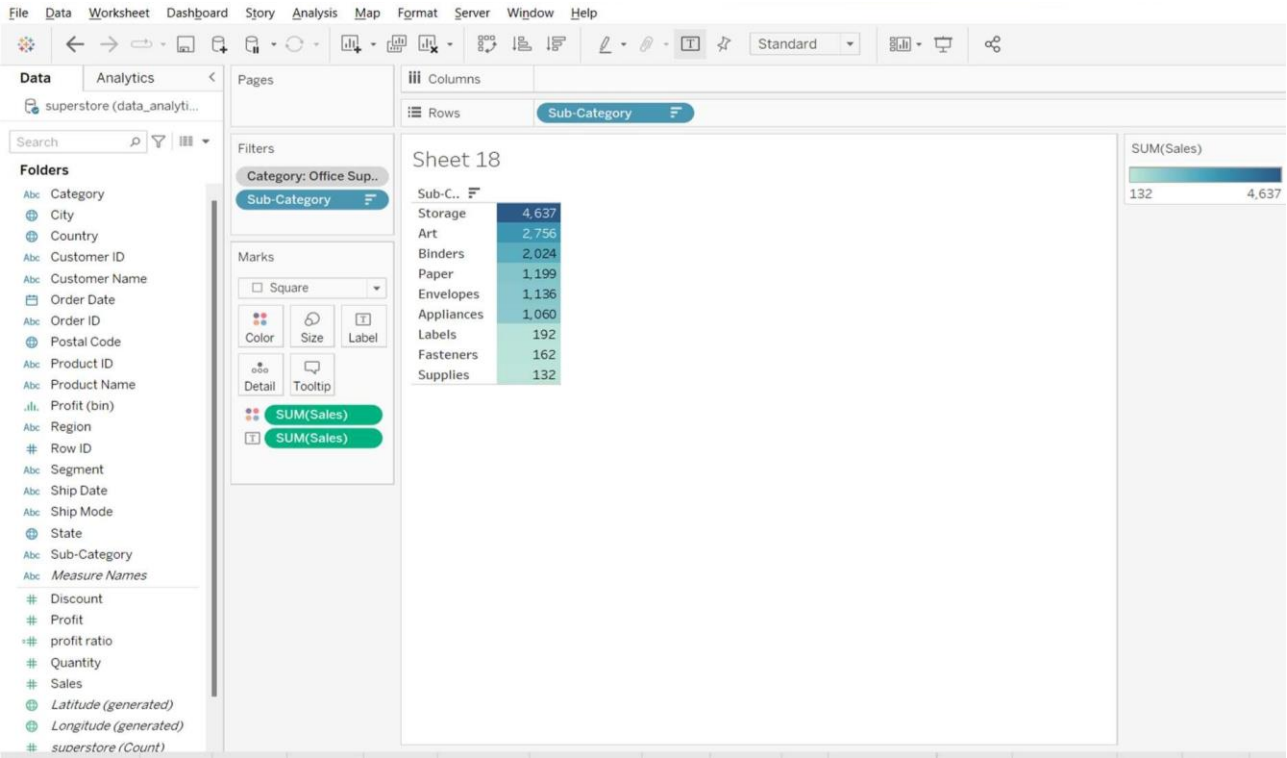
After Context Filtering: Horizontal Bars:



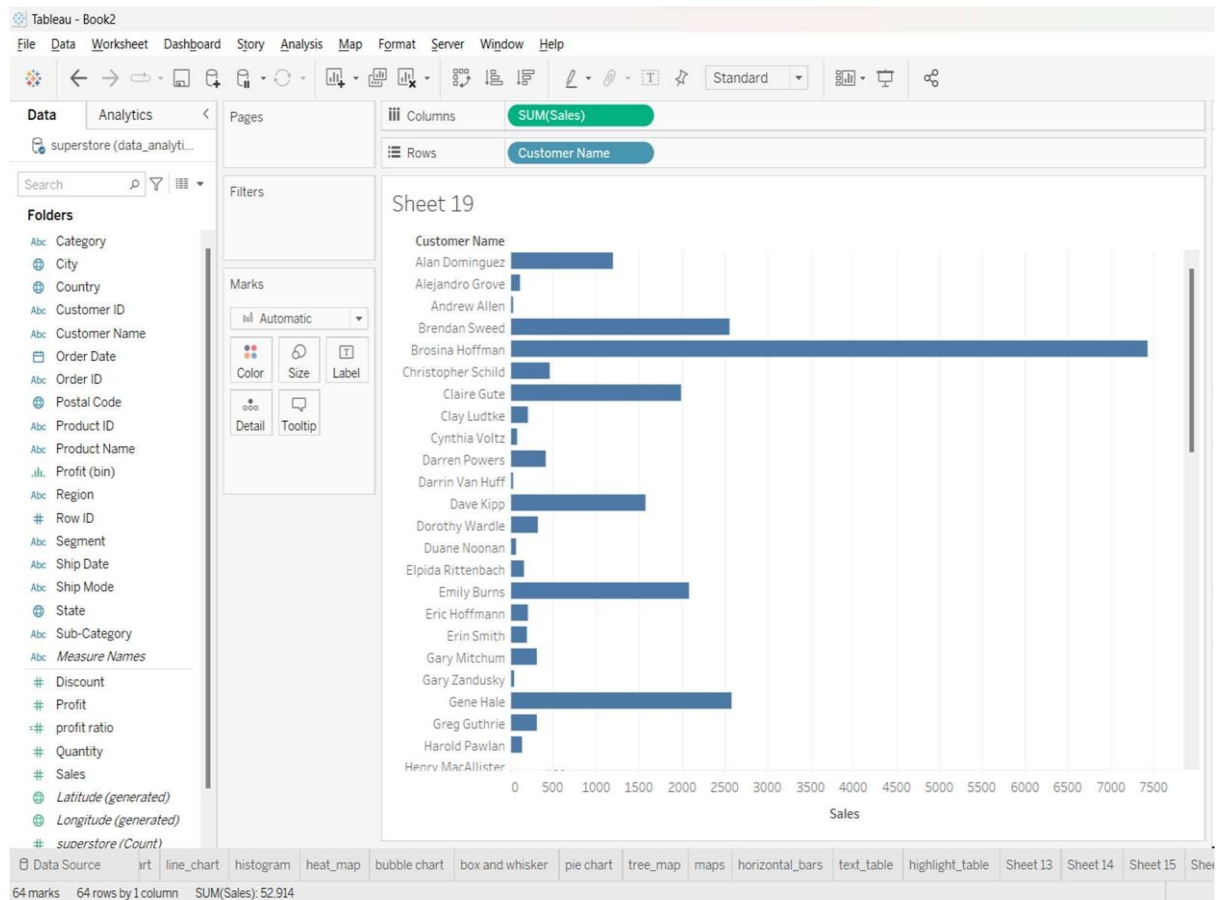
Tree Map



Highlight Table :



Measure Filtering : Before Filtering

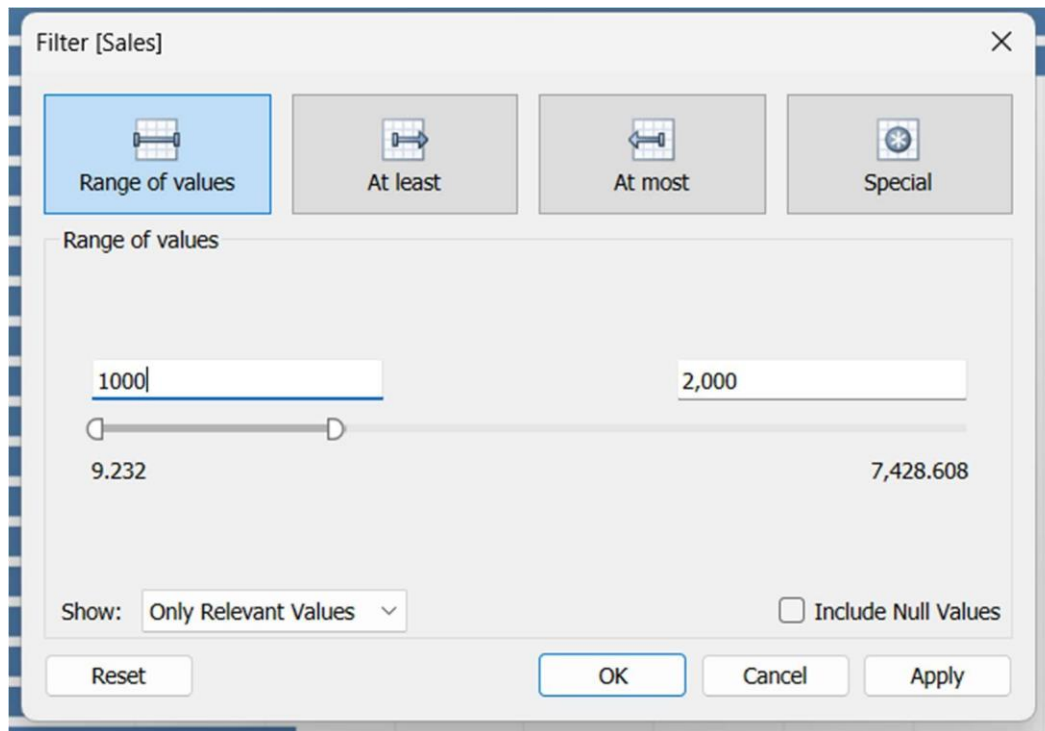


Filter Field [Sales] ✕

How do you want to filter on [Sales]?

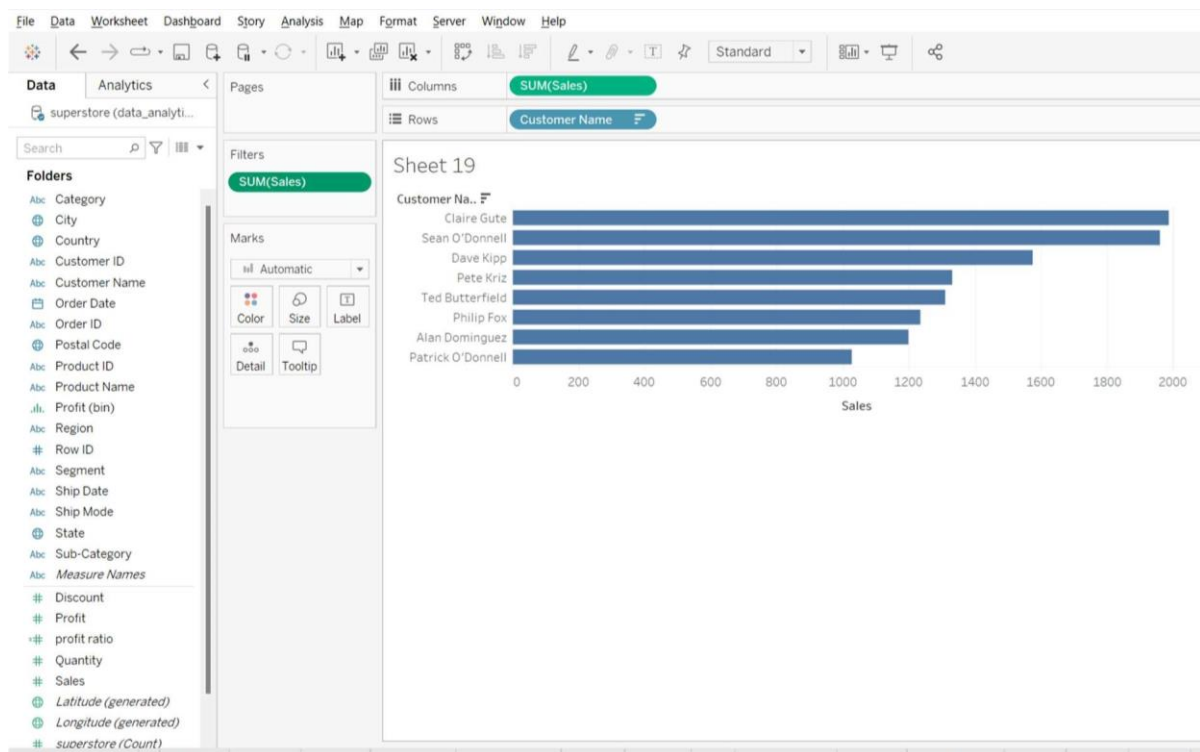
- # All values
- # **Sum**
- # Average
- # Count
- # Count (Distinct)
- # Minimum
- # Maximum
- # Standard deviation
- # Standard deviation (Population)
- # Variance
- # Variance (Population)
- # Attribute

Next > Cancel

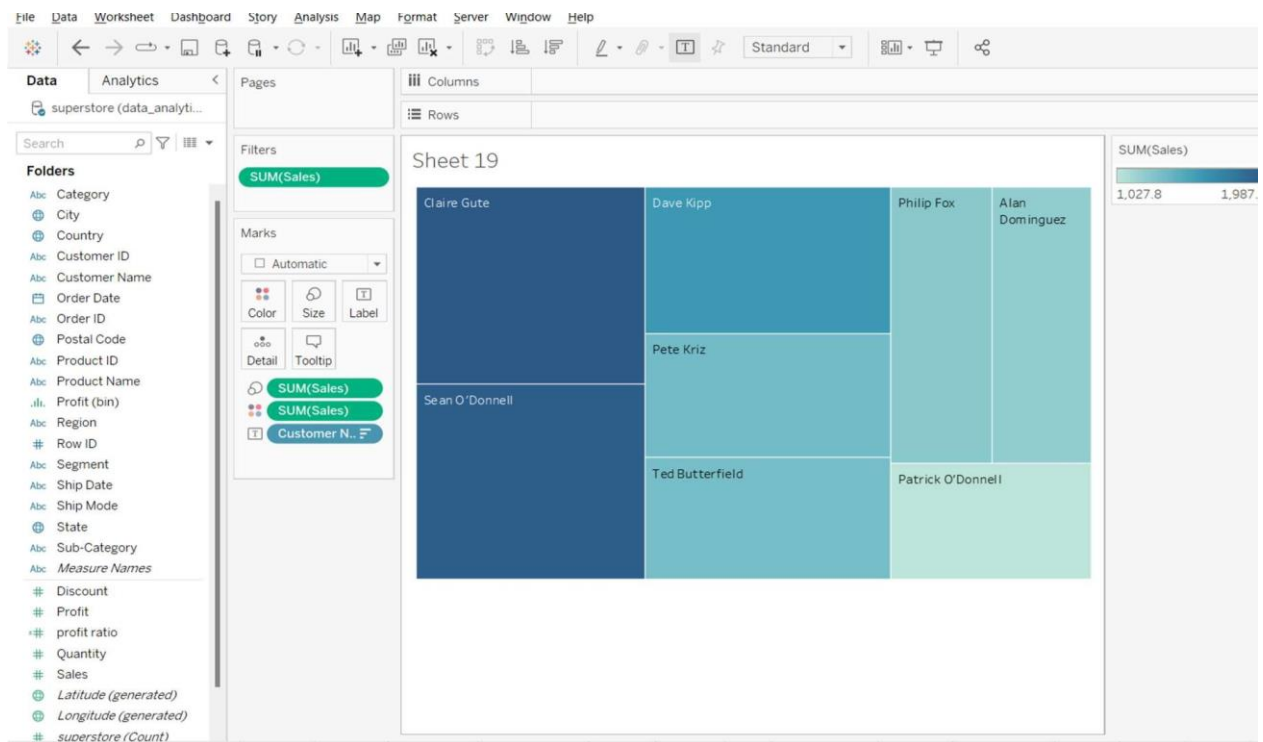


Apply Filtering :

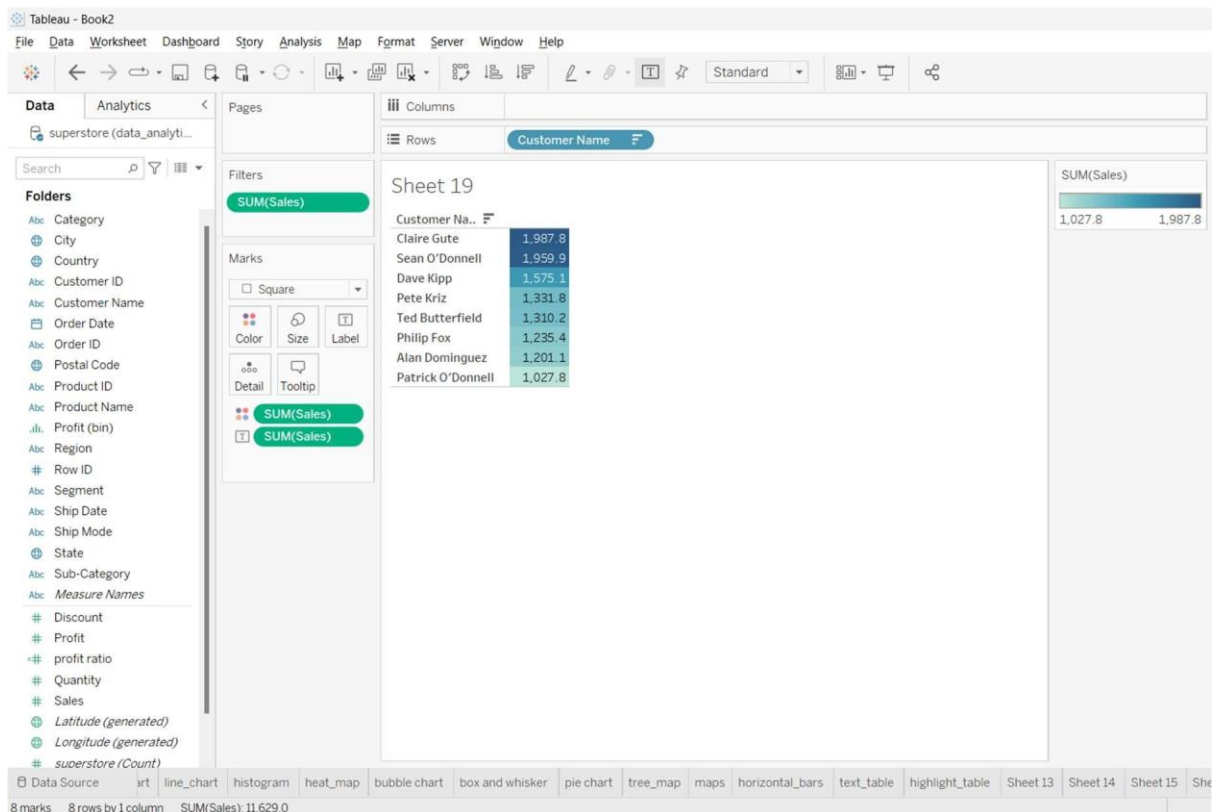
Horizontal bars:



Tree map :

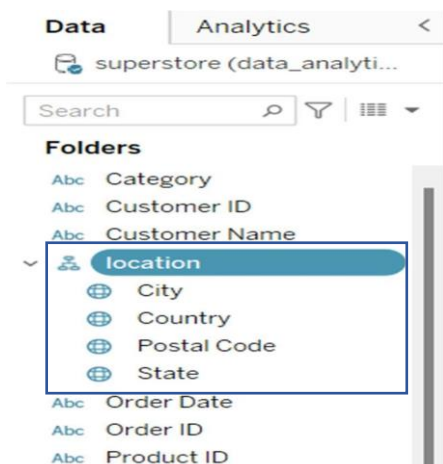
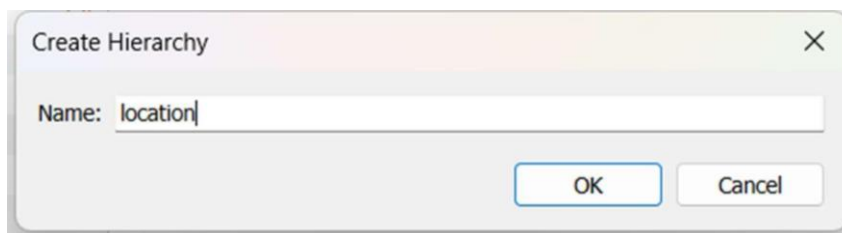
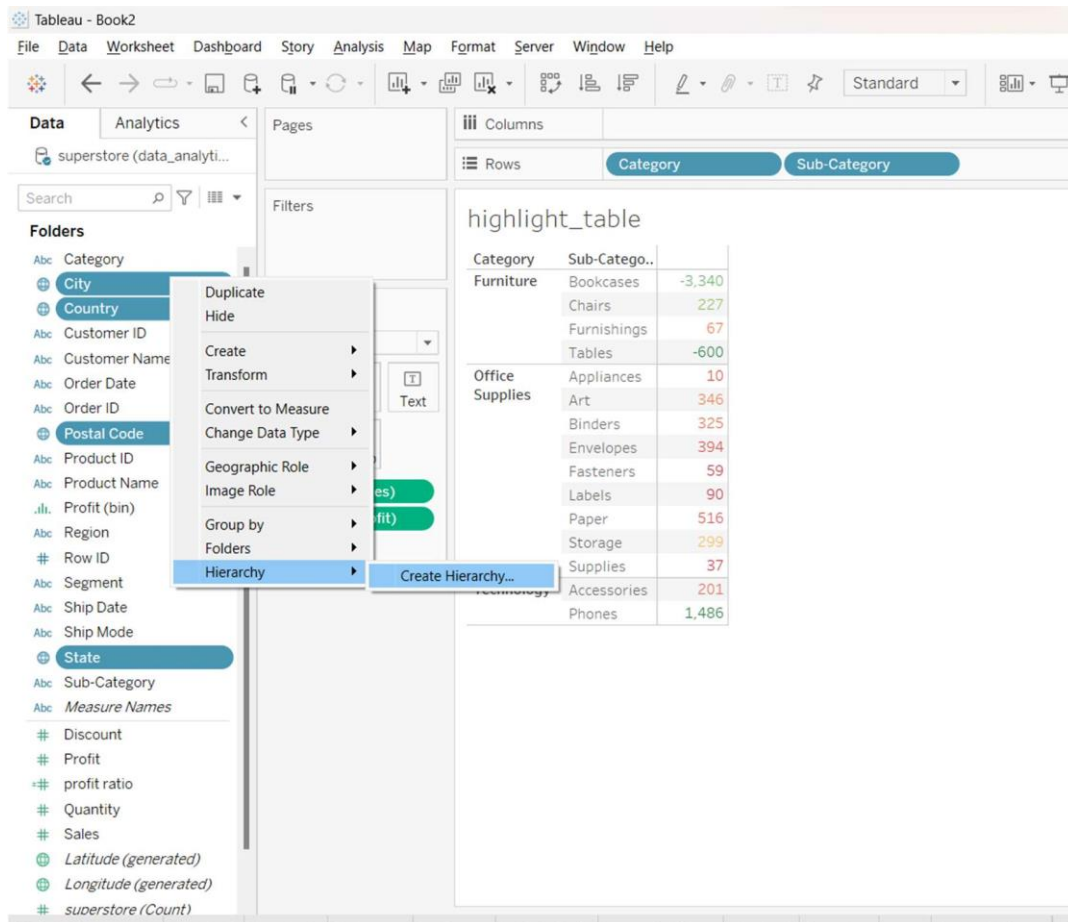


Highlight Table :

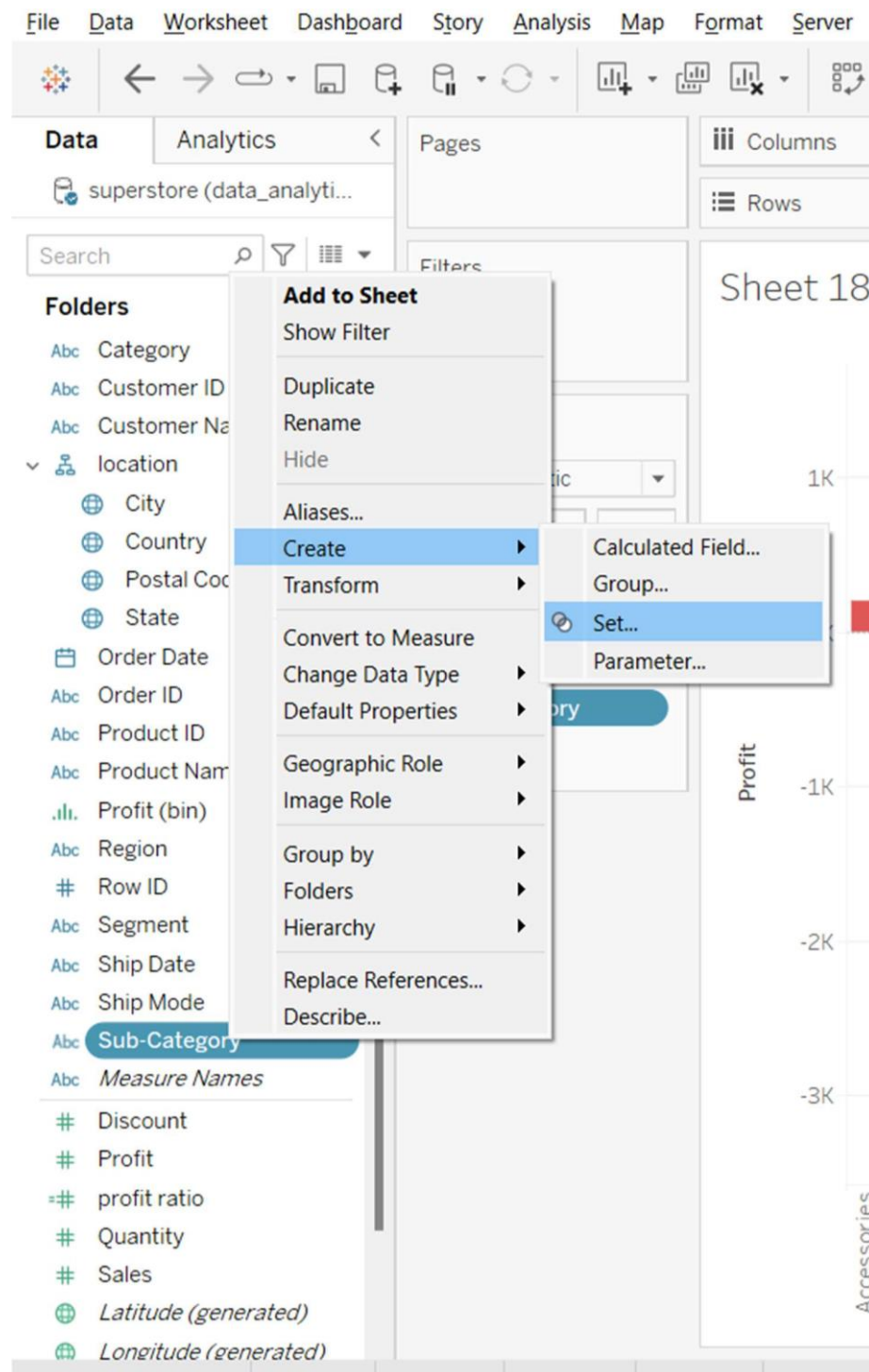


3) Perform the following data manipulations on your dataset

Create a Hierarchy:



Create a set:



Create Set ✕

Name: Sub-Category Set

General Condition Top

☐ None

☒ By field:

Top by

Sales

☐ By formula:

Top by

Reset OK Cancel

Abc Product Name

.lli. Profit (bin)

Abc Region

Row ID

Abc Segment

Abc Ship Date

Abc Ship Mode

Abc Sub-Category

☒ Sub-Category Set

Abc Measure Names

Discount

Profit

=# profit ratio

Create a group.

