

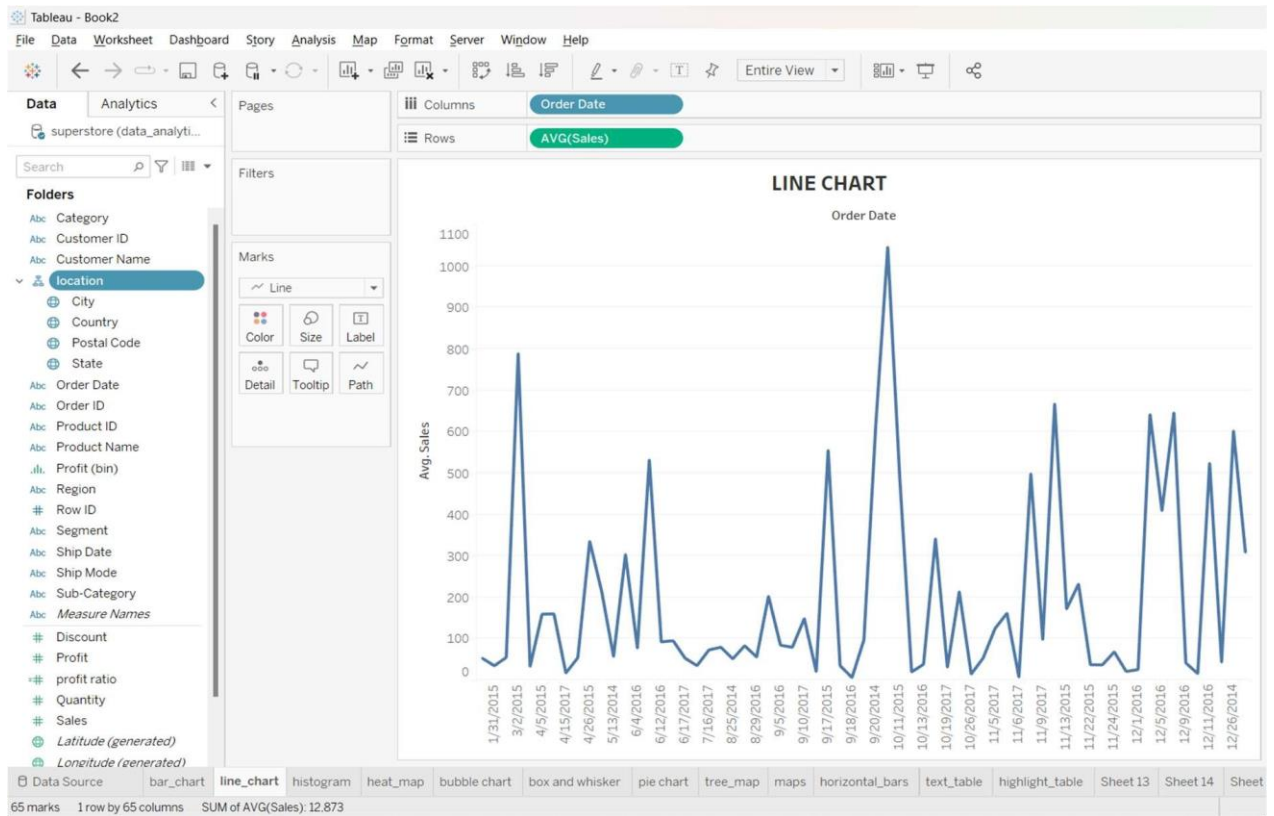
SMART BRIDGE EXTERNSHIP

NAME: G.SAMPREETH REDDY
REG.NO: 20BCE0853

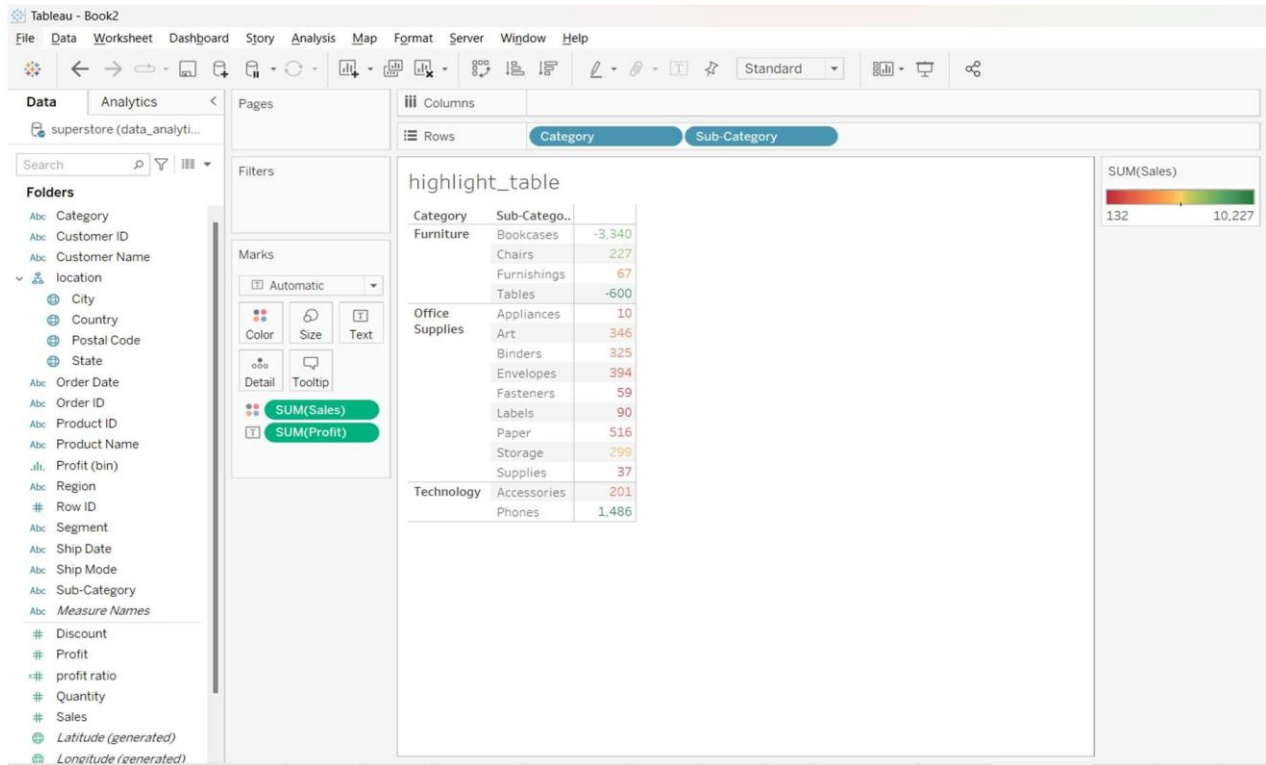
ASSIGNMENT – 2

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

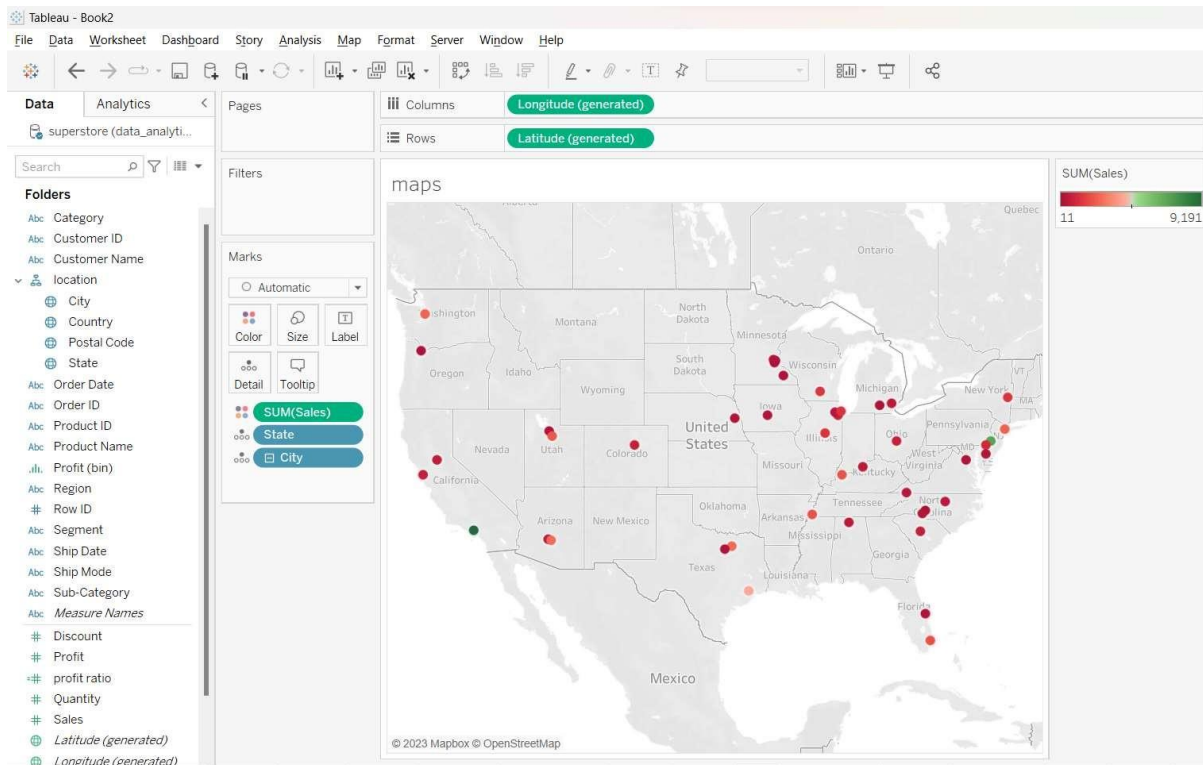
a. Line Chart



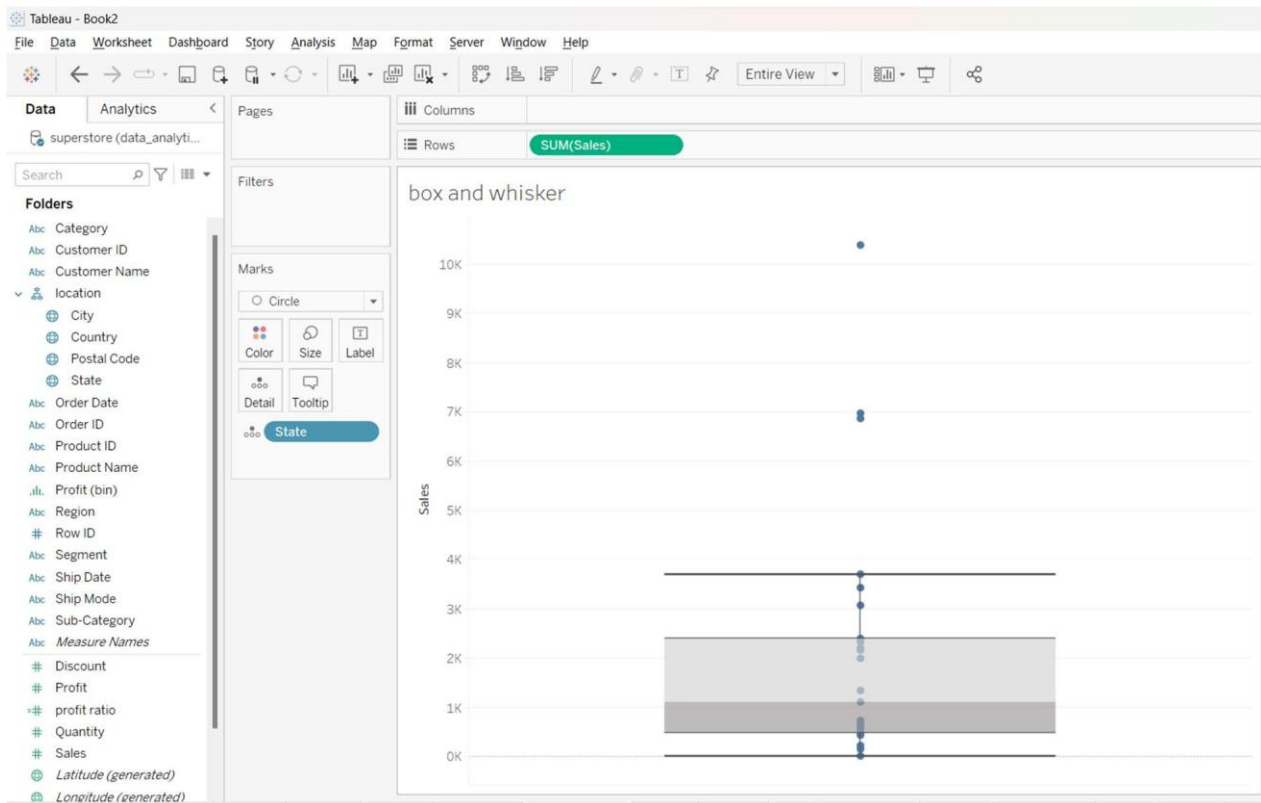
b. Highlight Table



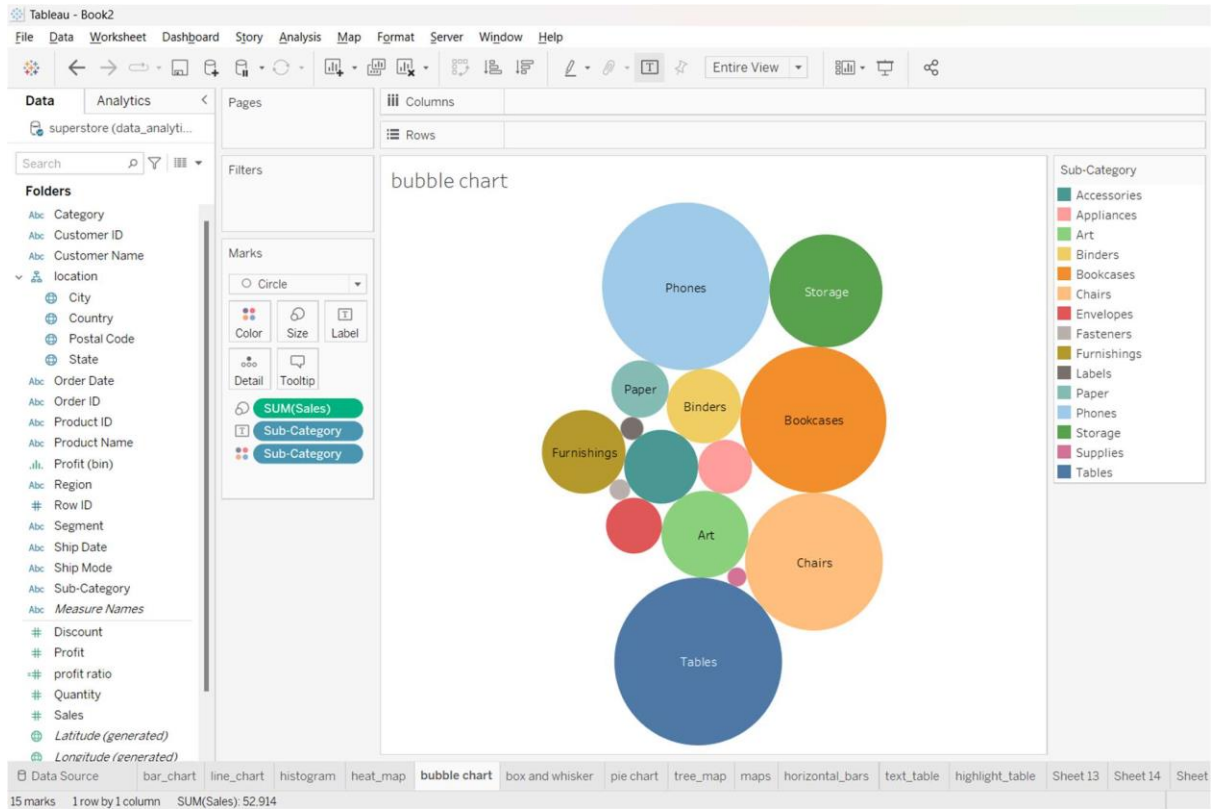
c. Map format



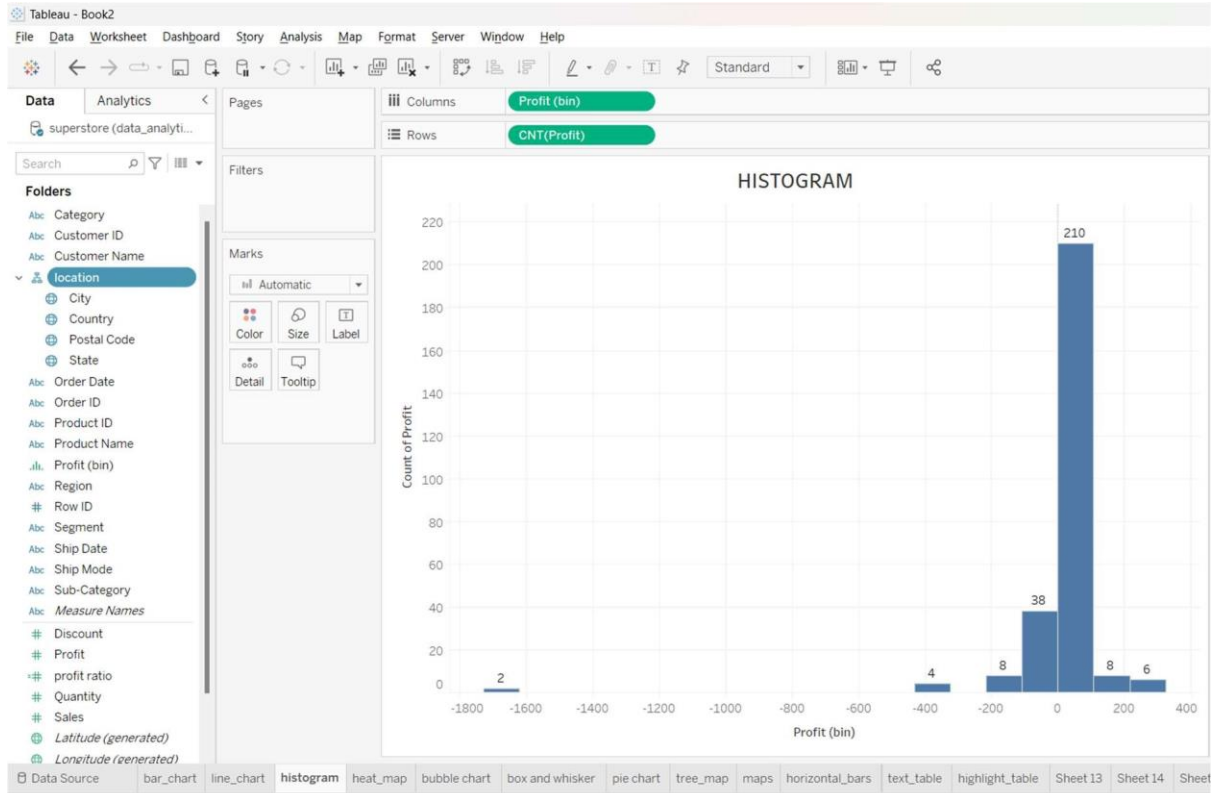
d. Box and Whisker



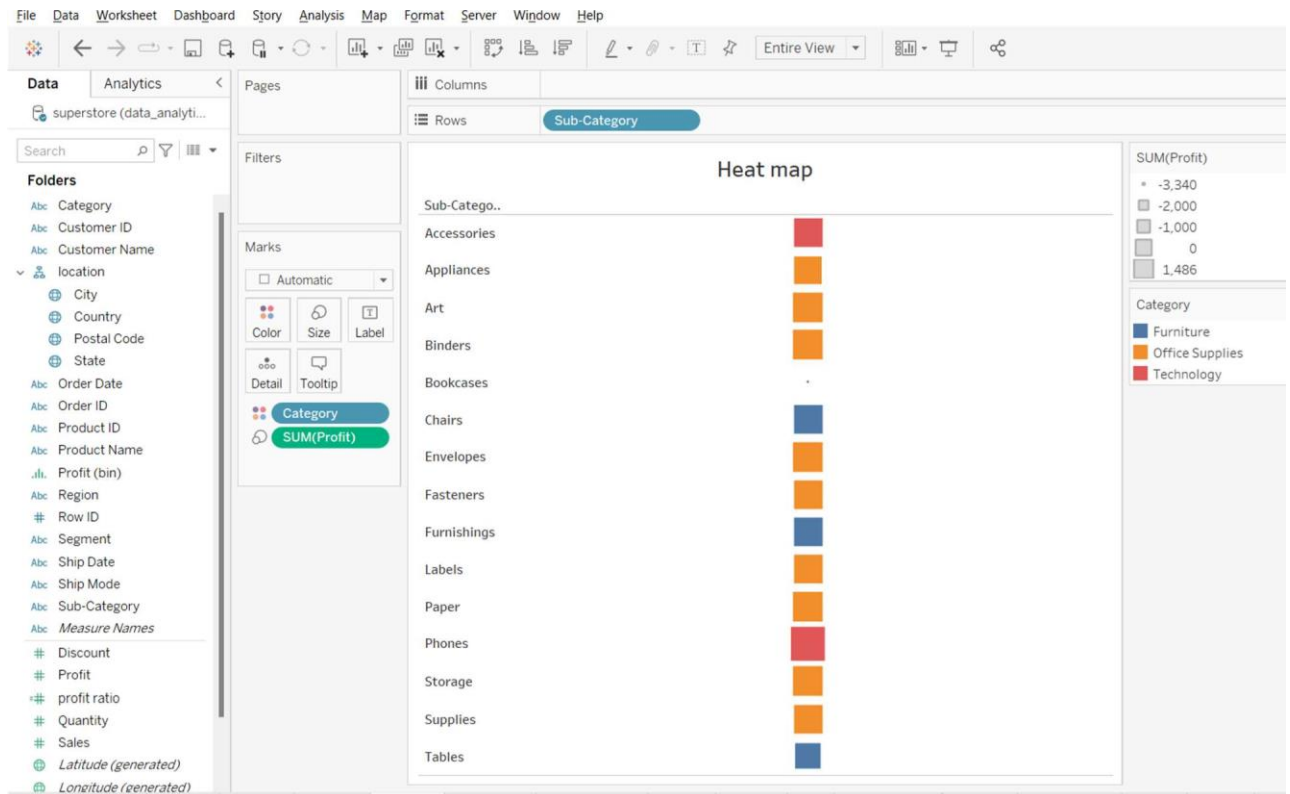
e. Bubble chart



f. Histogram



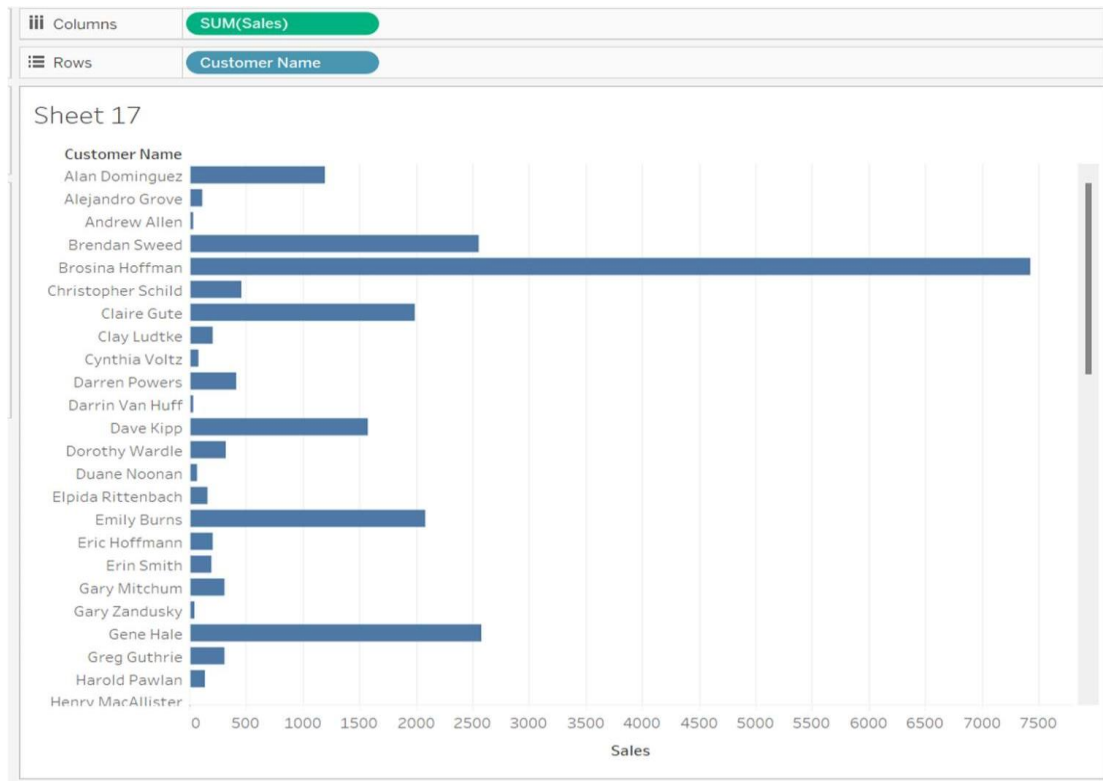
g. Heat Map



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

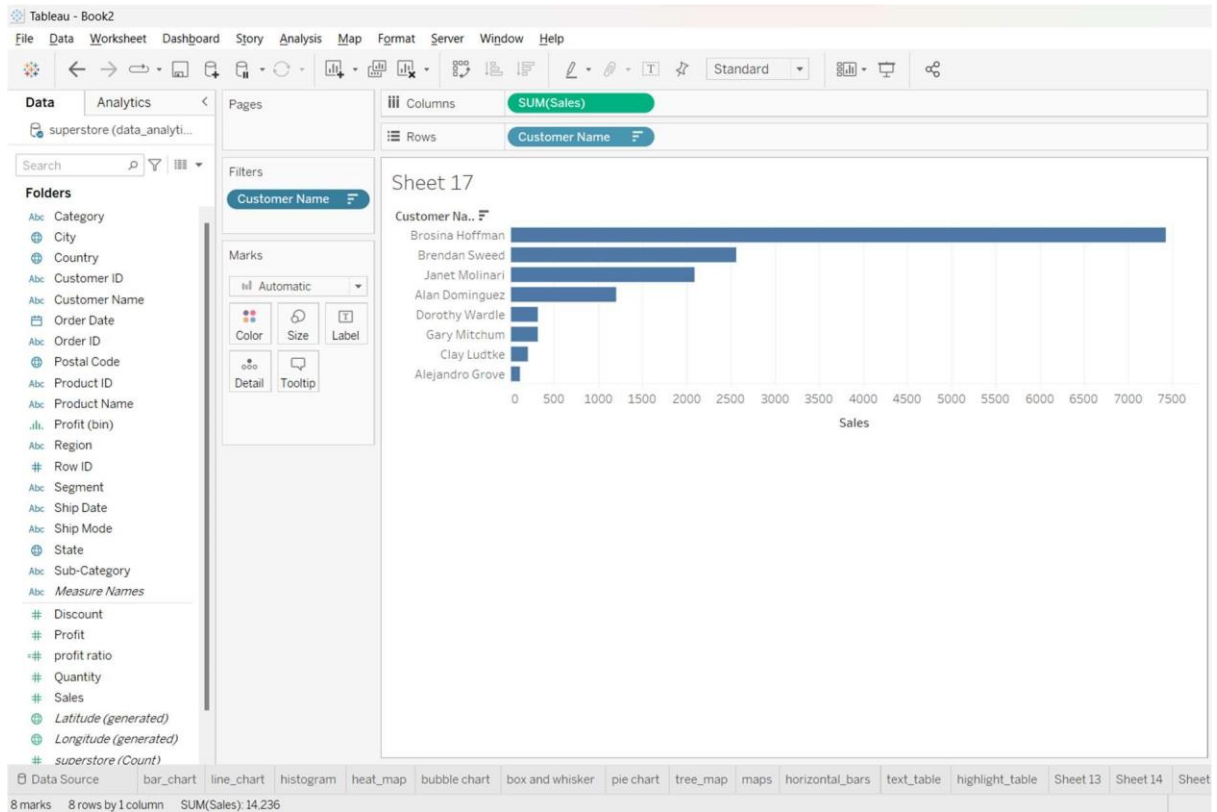
Condition: None

Limit: None

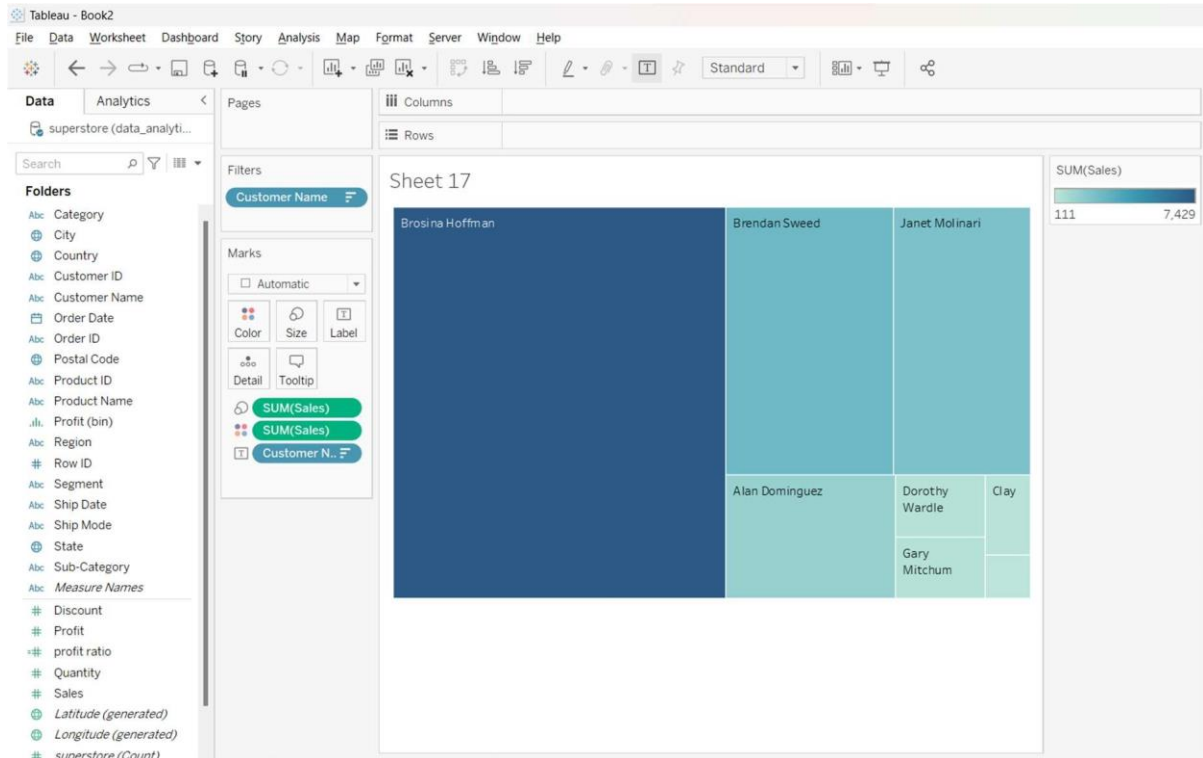
Reset OK Cancel Apply

After Filter

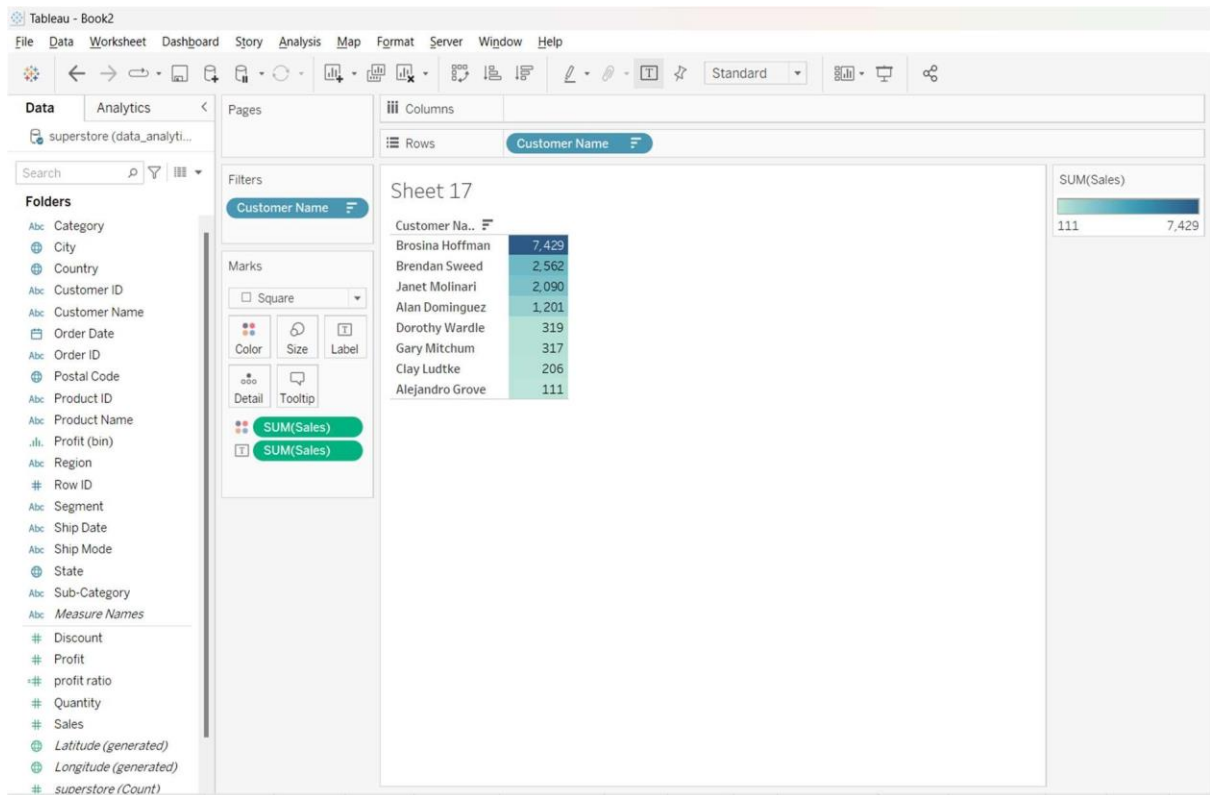
Horizontal Bars



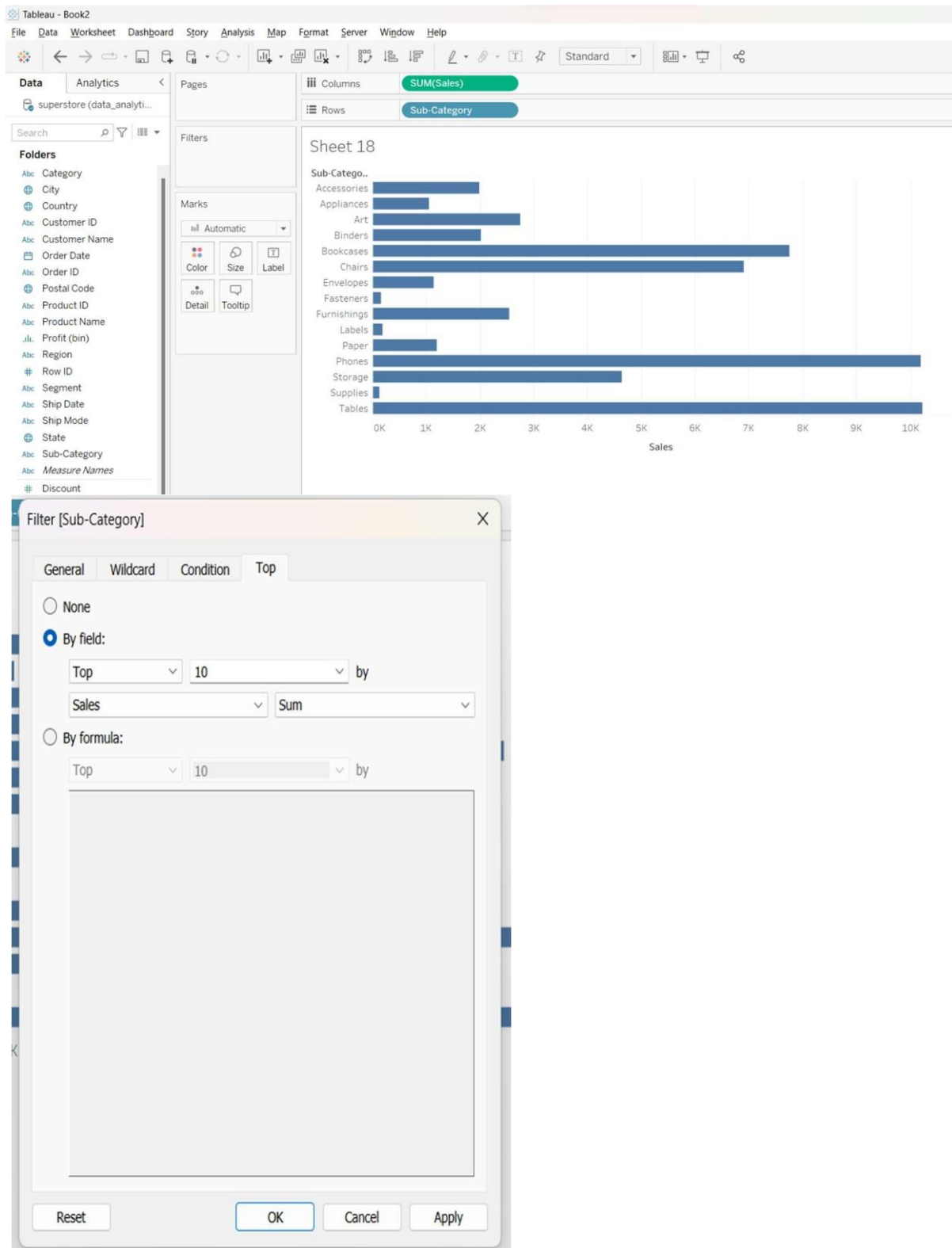
Tree Map:

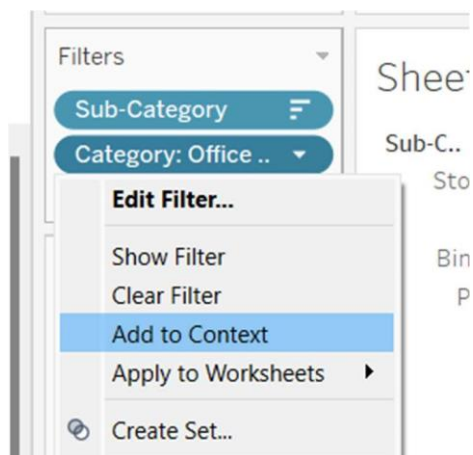
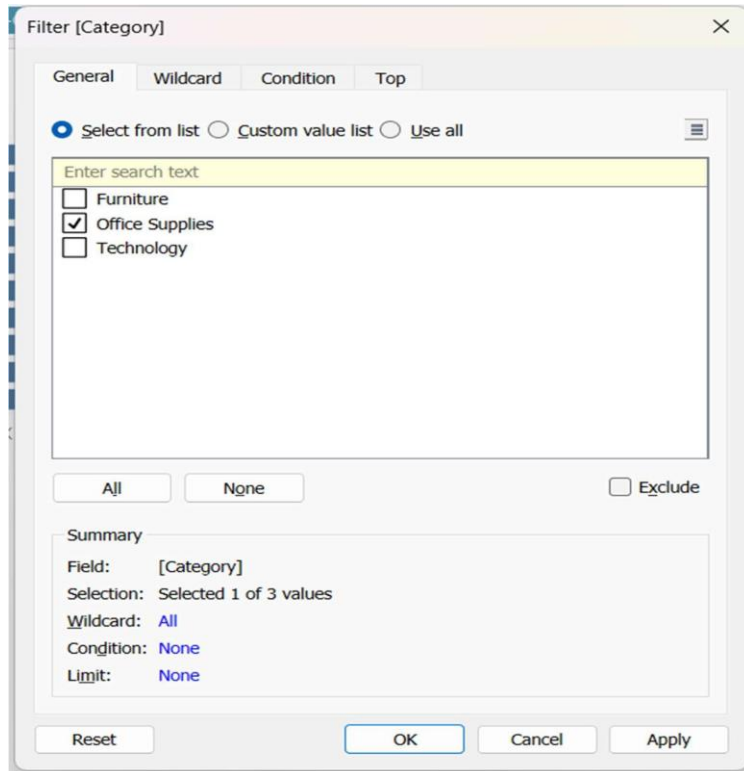


Highlight Table:

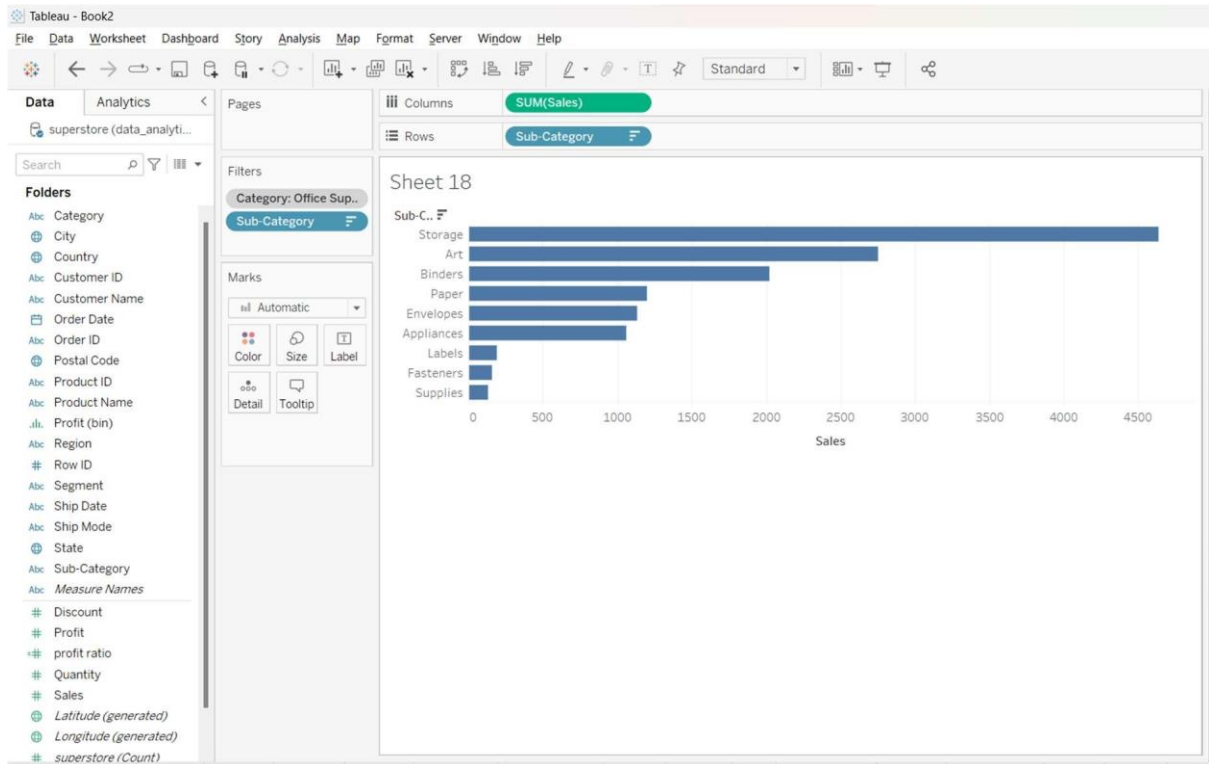


Context Filtering: Before context Filter:





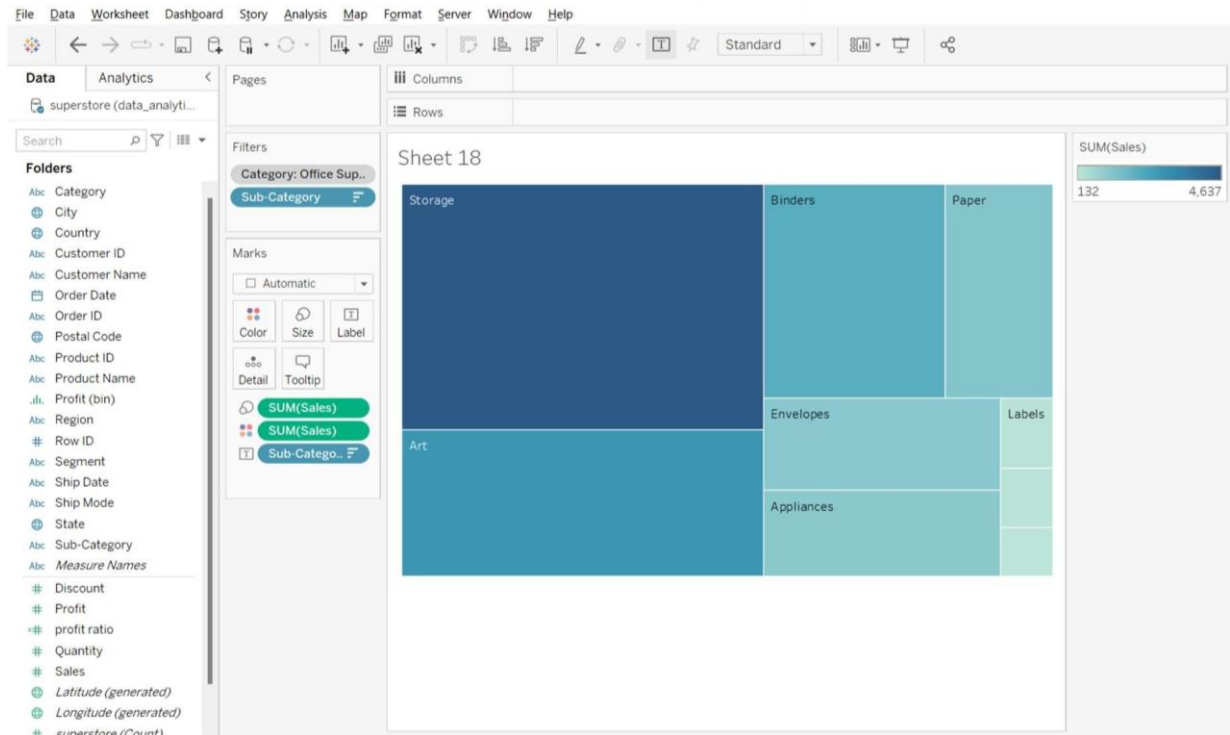
After Context Filtering: Horizontal Bars:



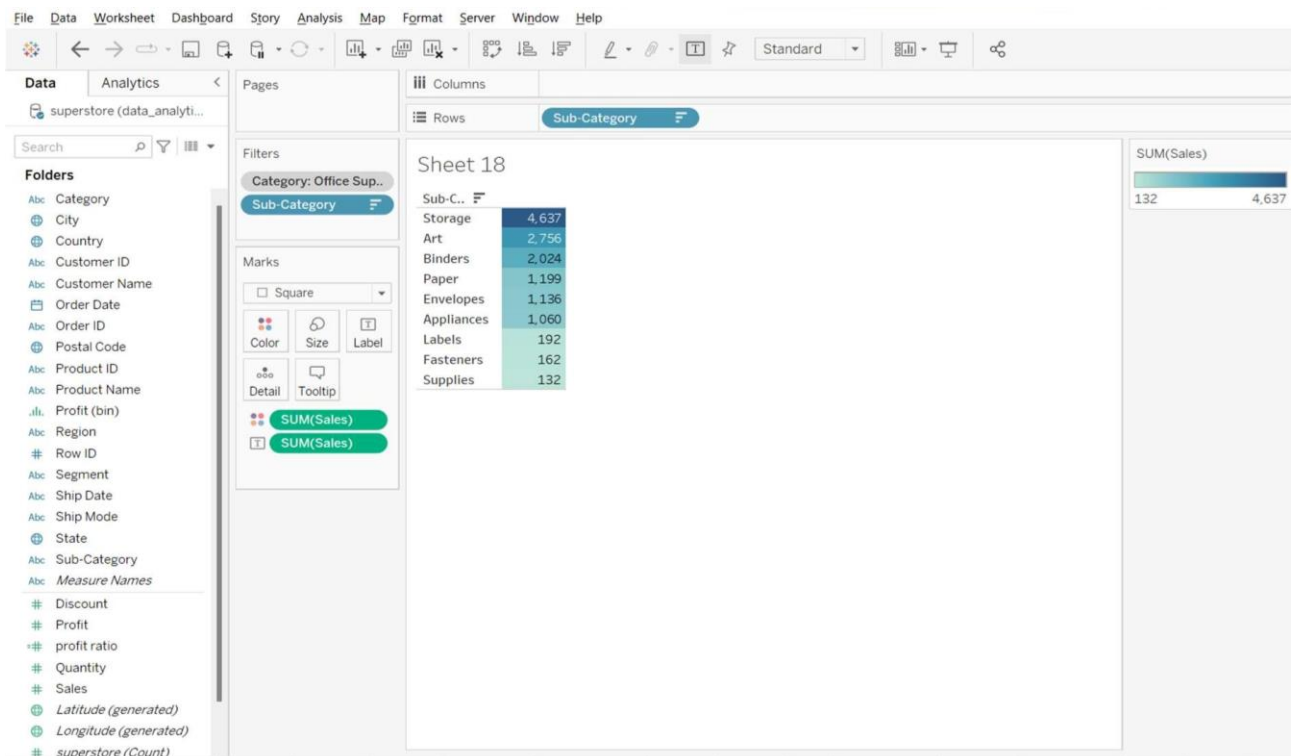
Tree Map

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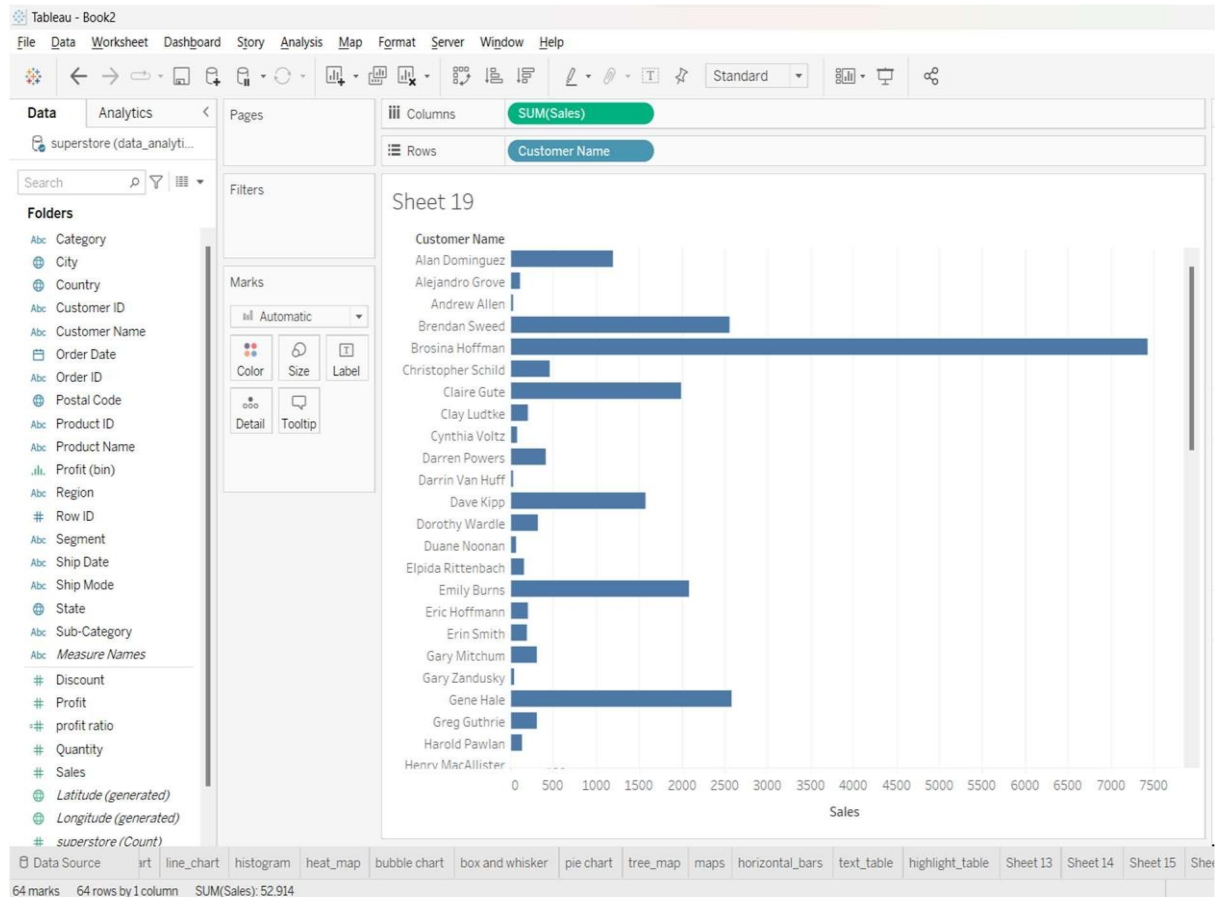
20BCE0853



Highlight Table :



Filtering : Before Filtering

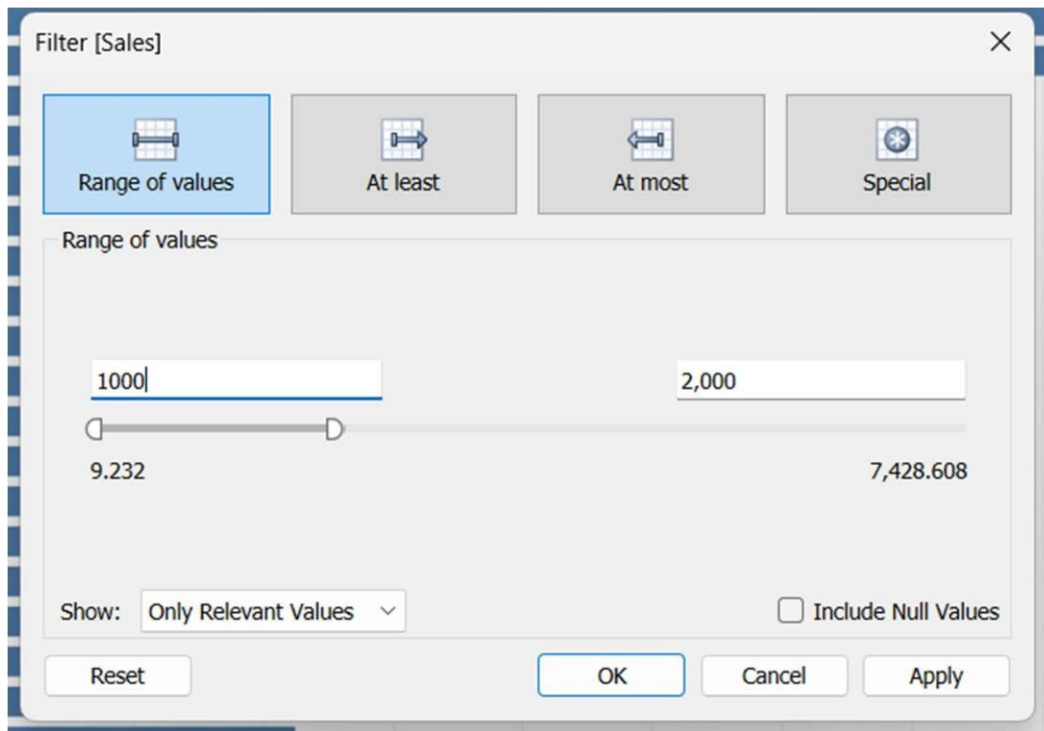


Filter Field [Sales]

How do you want to filter on [Sales]?

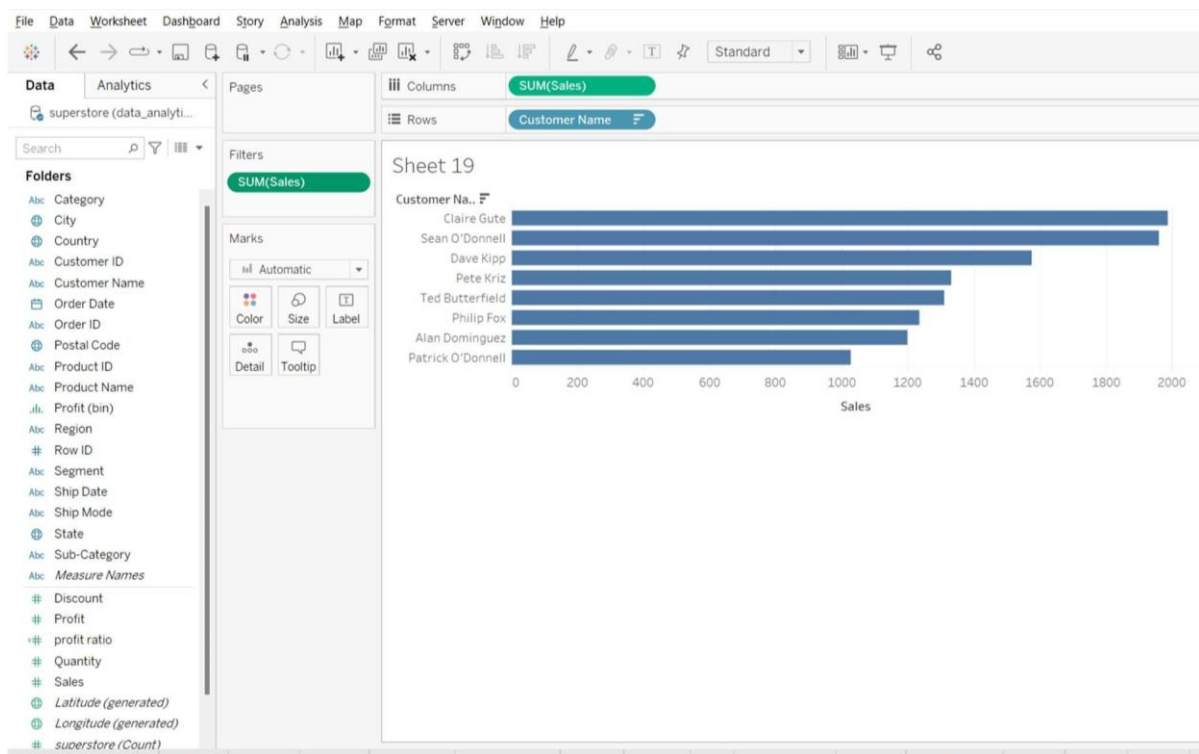
- # All values
- # Sum
- # Average
- # Count
- # Count (Distinct)
- # Minimum
- # Maximum
- # Standard deviation
- # Standard deviation (Population)
- # Variance
- # Variance (Population)
- # Attribute

Next > Cancel

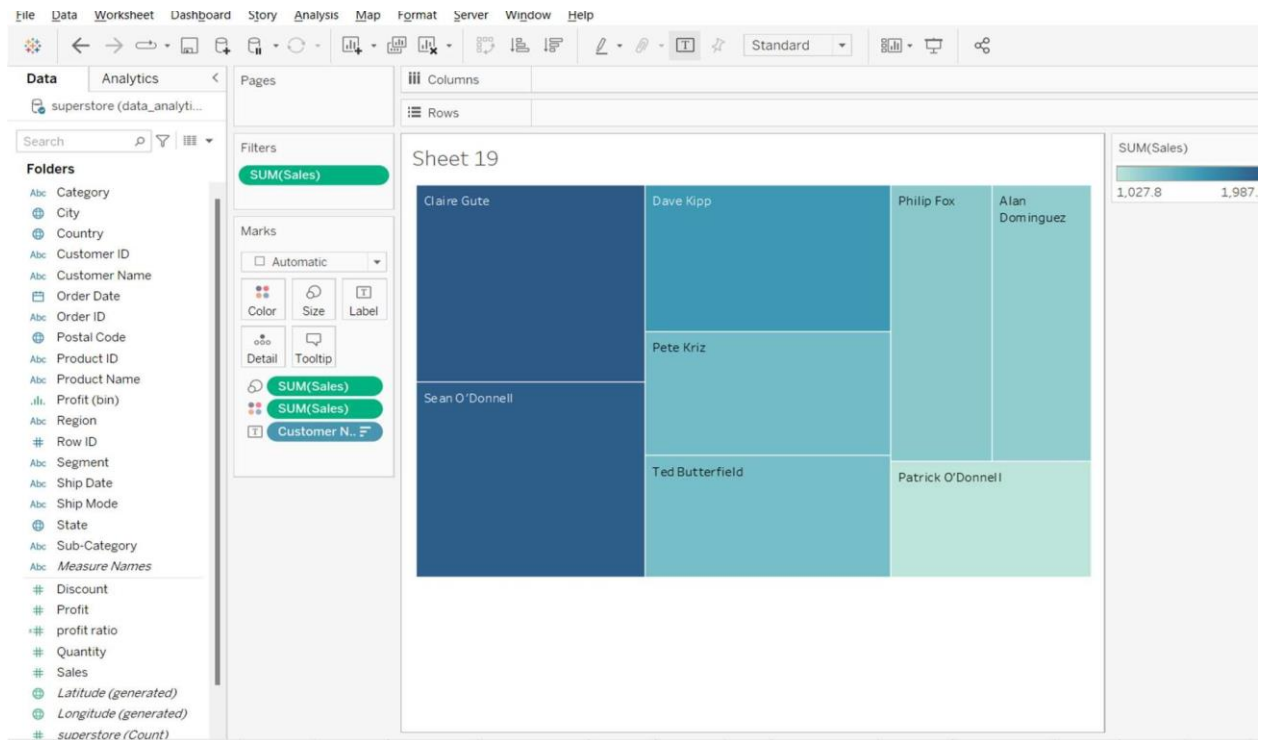


Apply Filtering :

Horizontal bars:

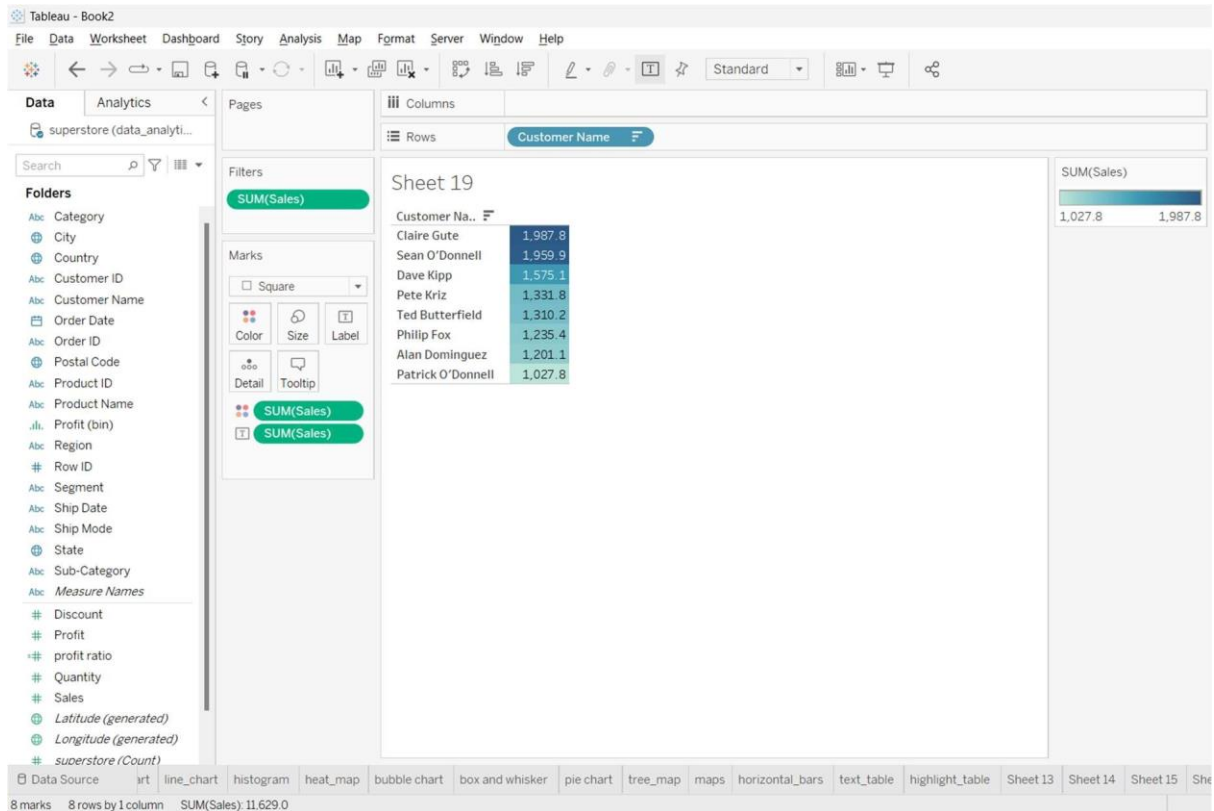


Tree map :



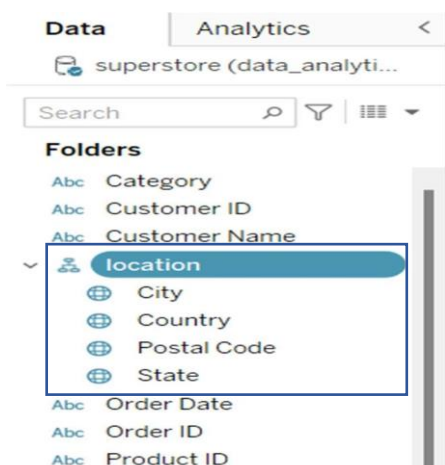
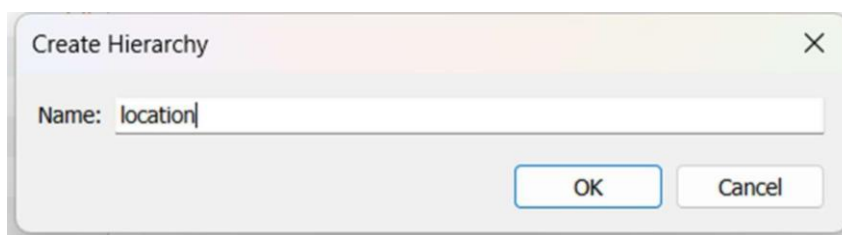
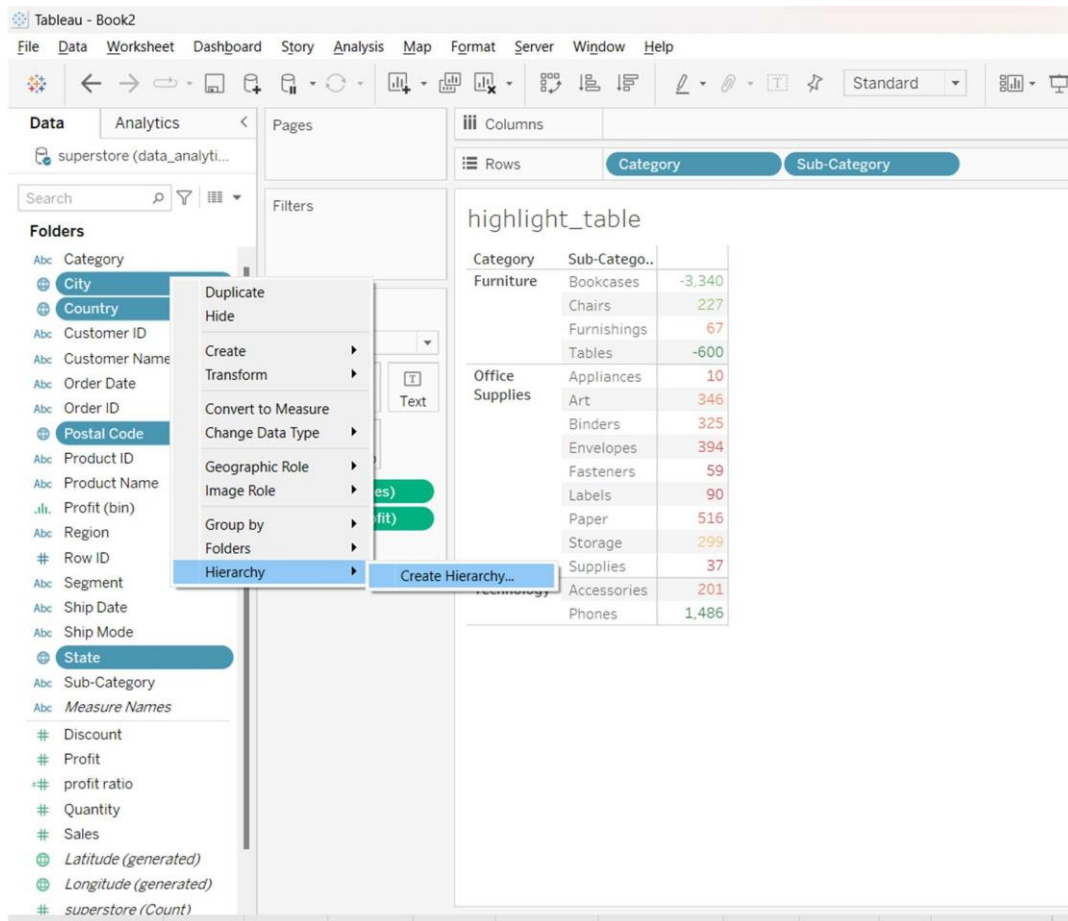
Highlight Table :

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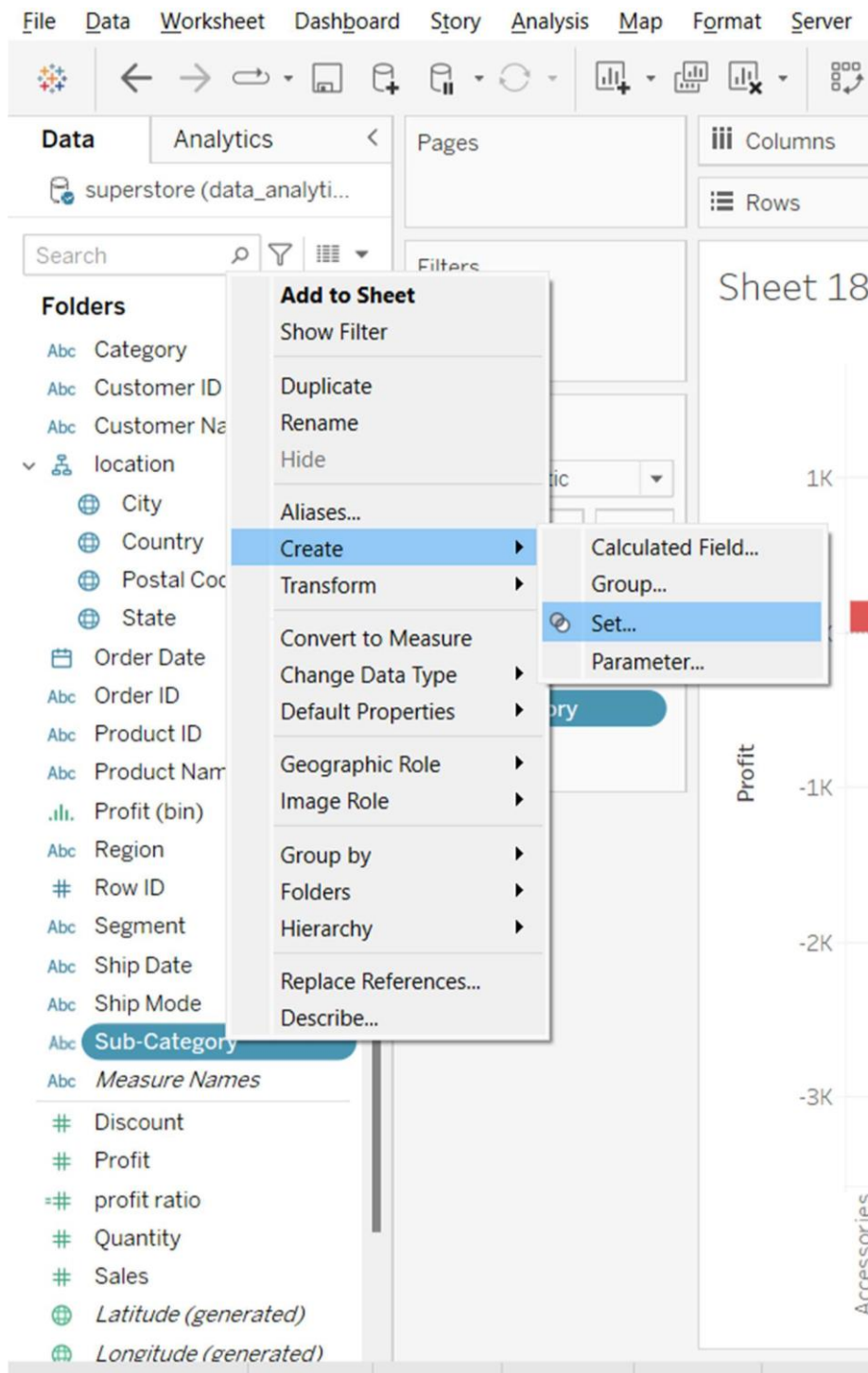


3) Perform the following data manipulations on your dataset

Create a Hierarchy:



Create a set:



Create Set

Name: Sub-Category Set

General

Condition

Top

None

By field:

Top

10

by

Sales

Sum

By formula:

Top

10

by

Reset

OK

Cancel

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| | |
|-------|----------------------|
| Abc | Product Name |
| .ili. | Profit (bin) |
| Abc | Region |
| # | Row ID |
| Abc | Segment |
| Abc | Ship Date |
| Abc | Ship Mode |
| Abc | Sub-Category |
| 🔍 | Sub-Category Set |
| Abc | <i>Measure Names</i> |
| # | Discount |
| # | Profit |
| =# | profit ratio |

Create a group.

