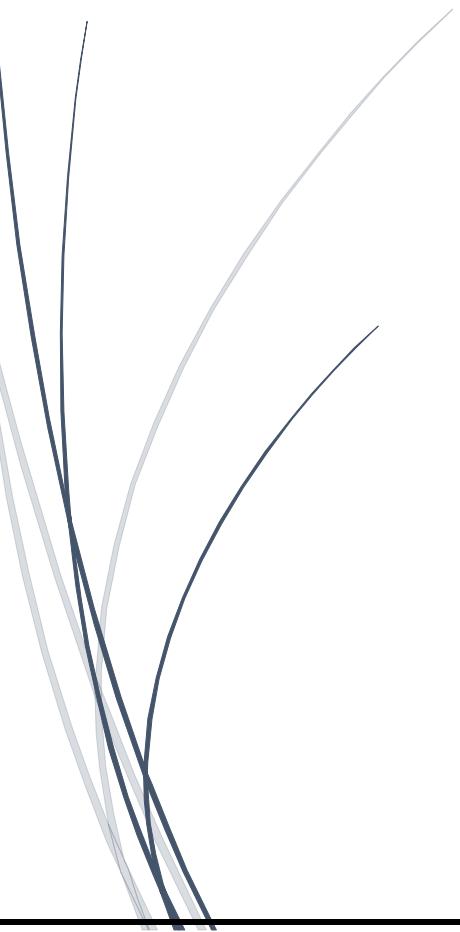


5/28/2023

SMART BRIDGE EXTERNSHIP

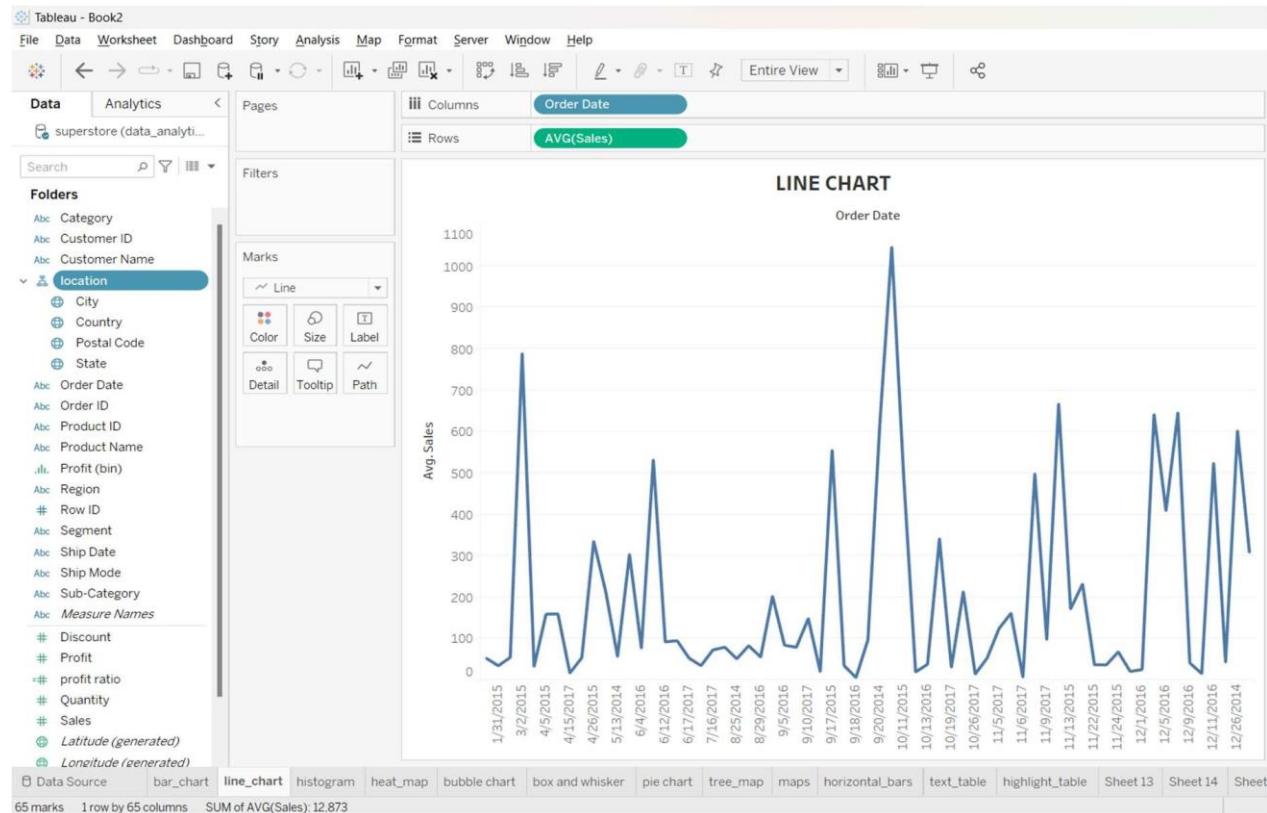


**NAME: Unna Jitendra
REG.NO: 20BCT0217**

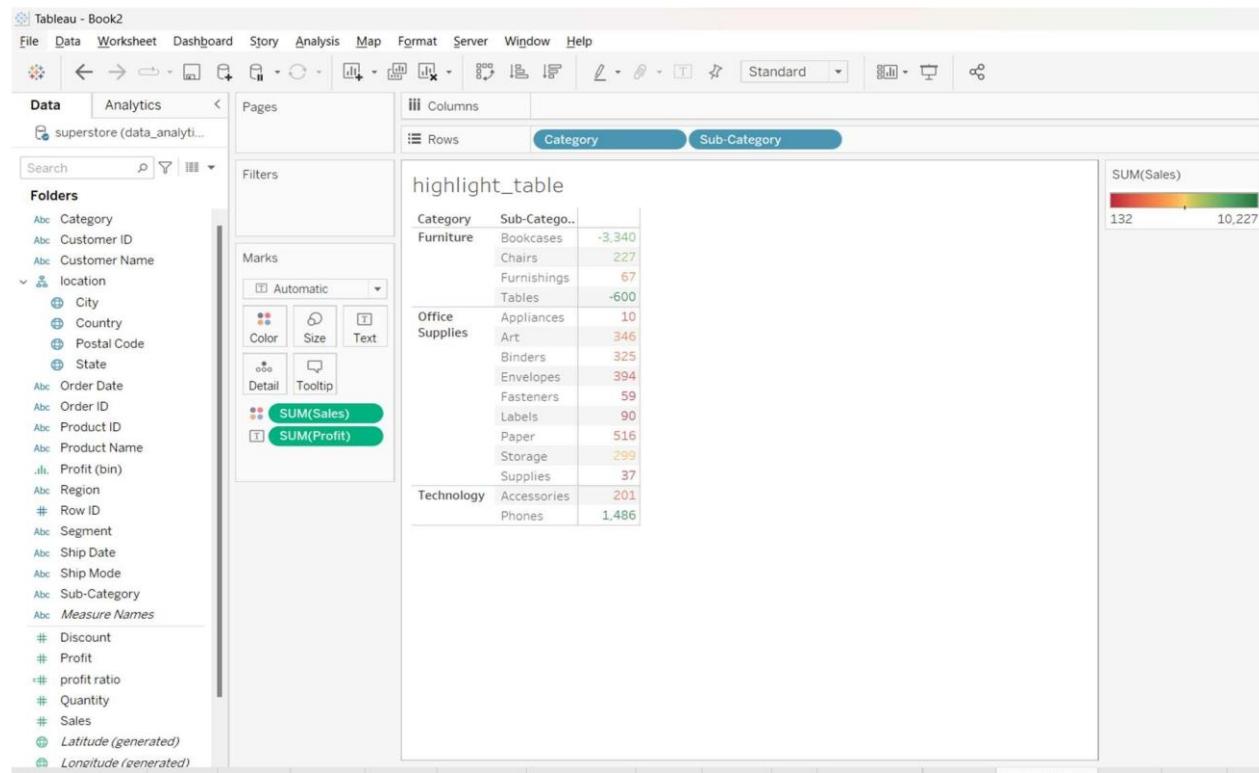
ASSIGNMENT – 2

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

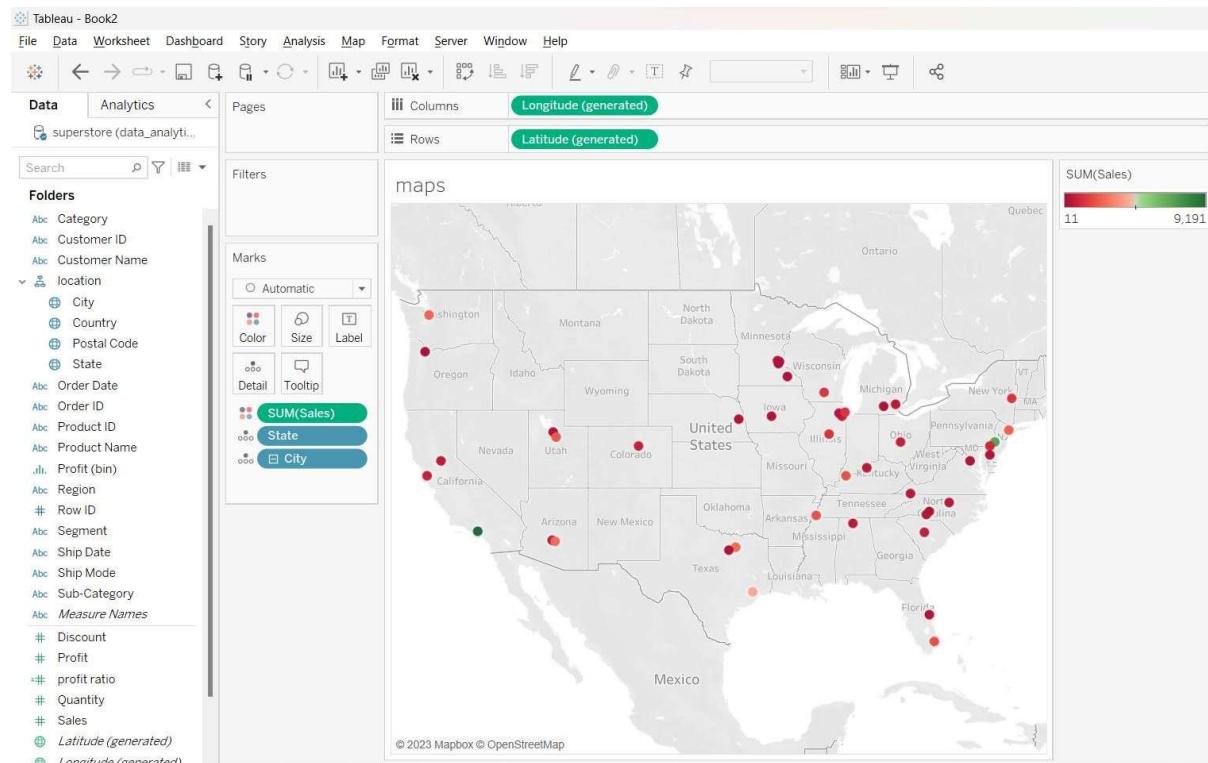
a. Line Chart



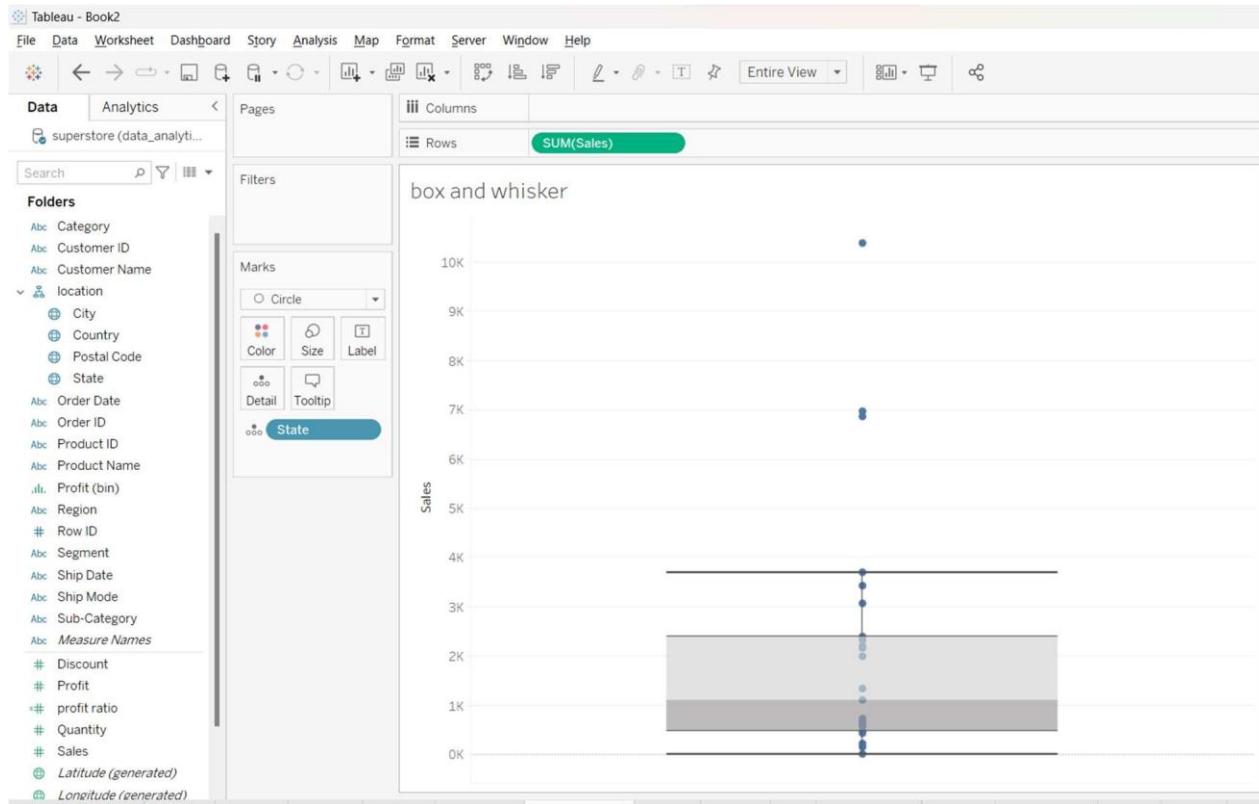
b. Highlight Table



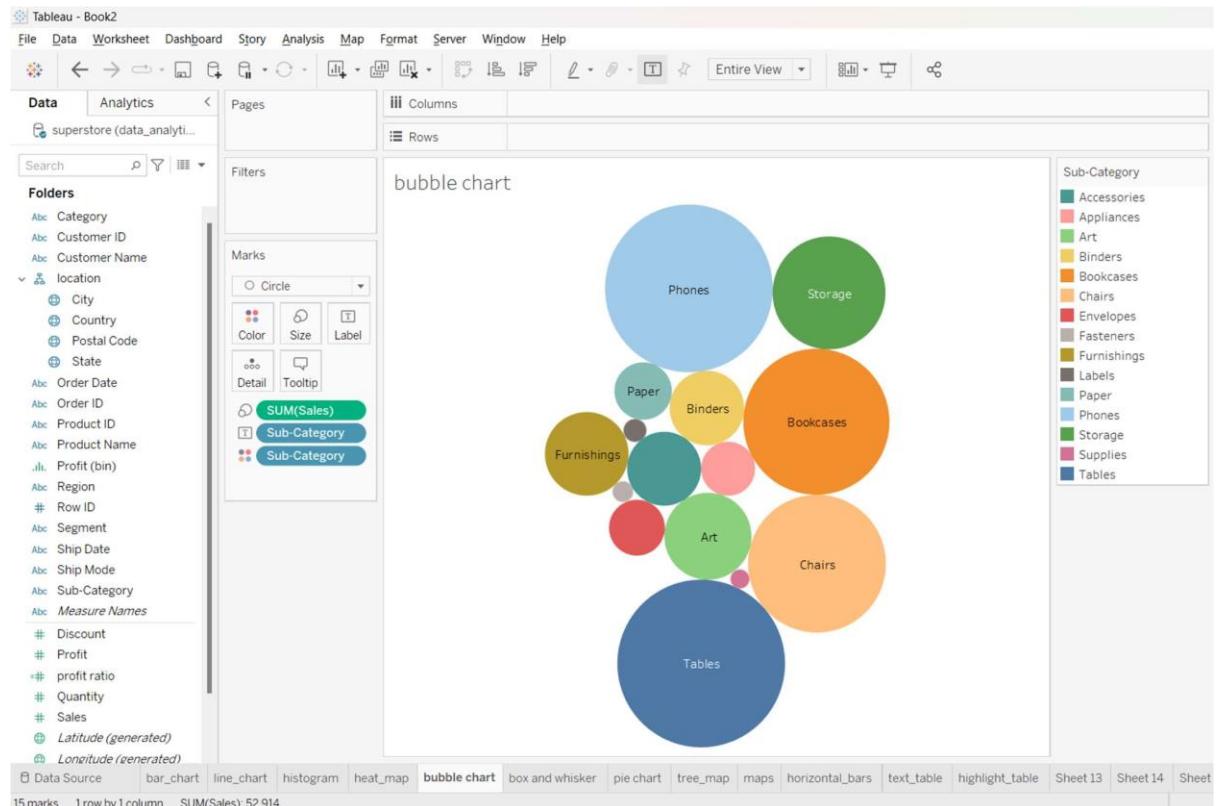
c. Map format



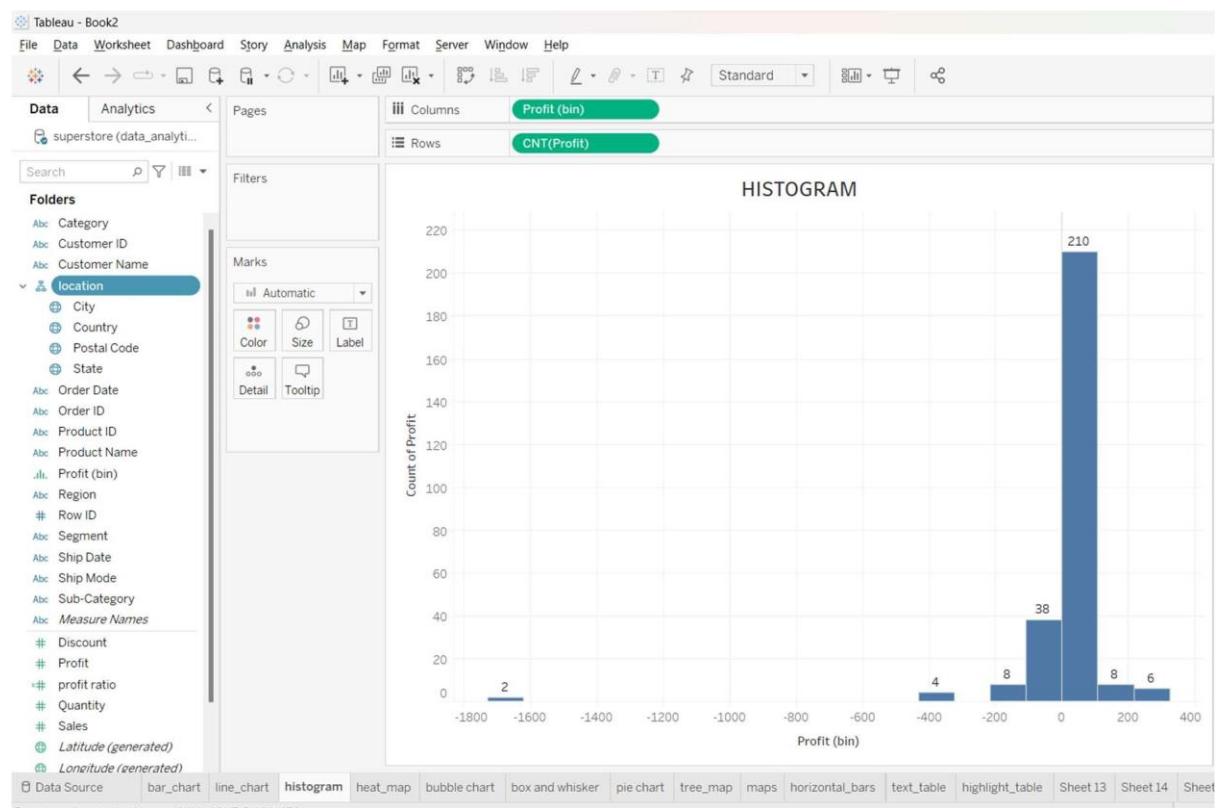
d. Box and Whisker



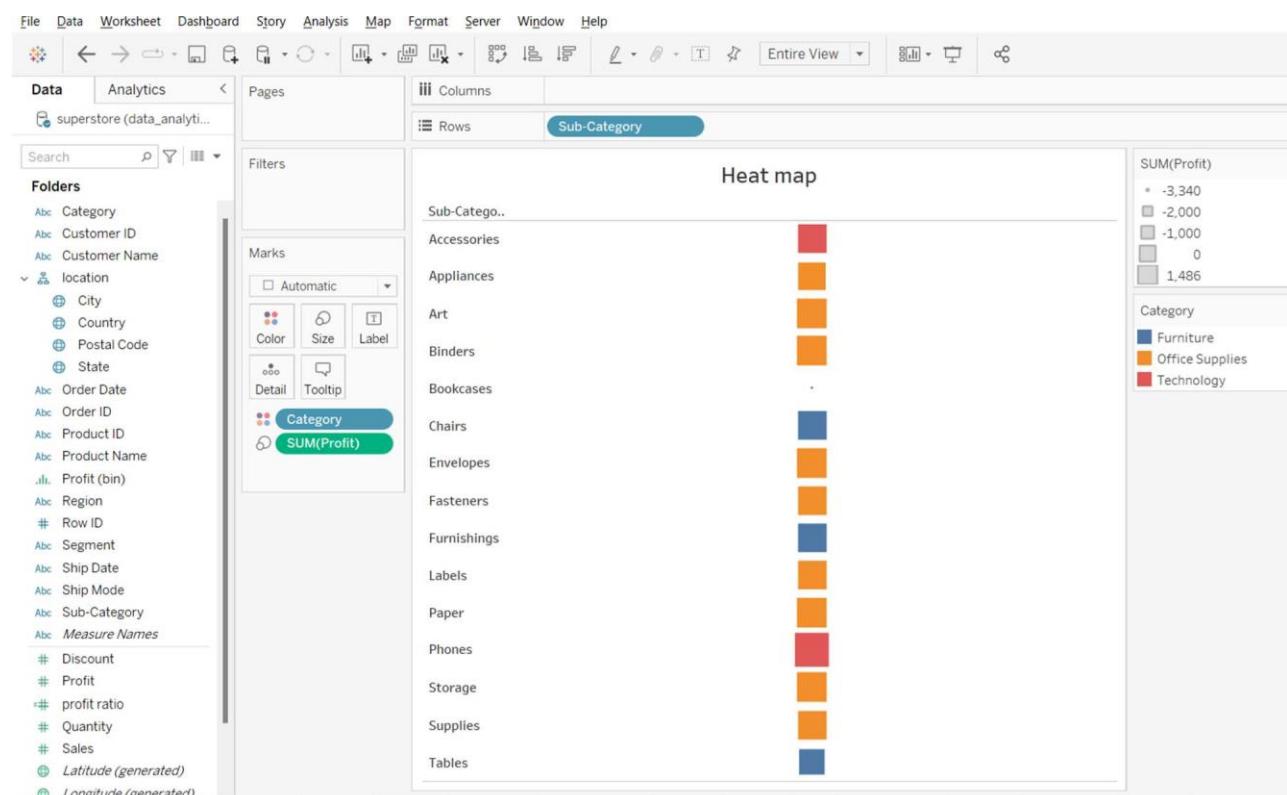
e. Bubble chart



f. Histogram



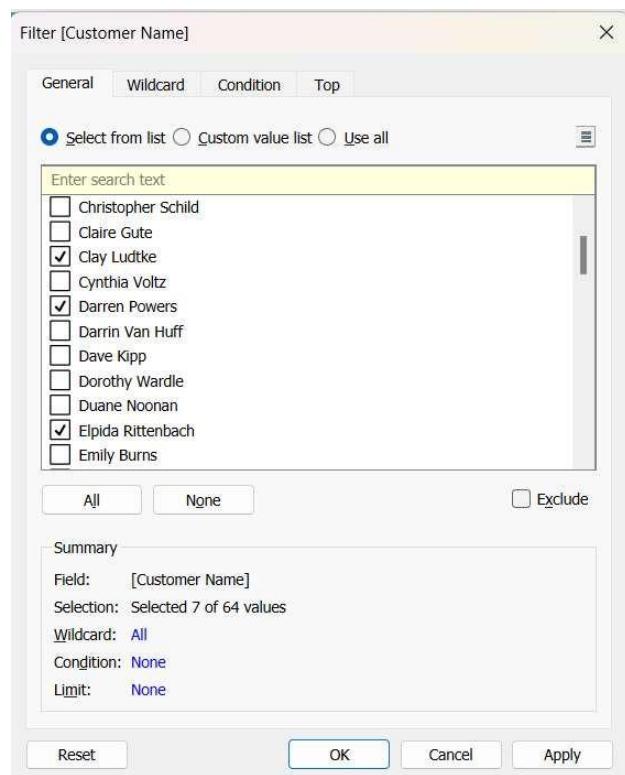
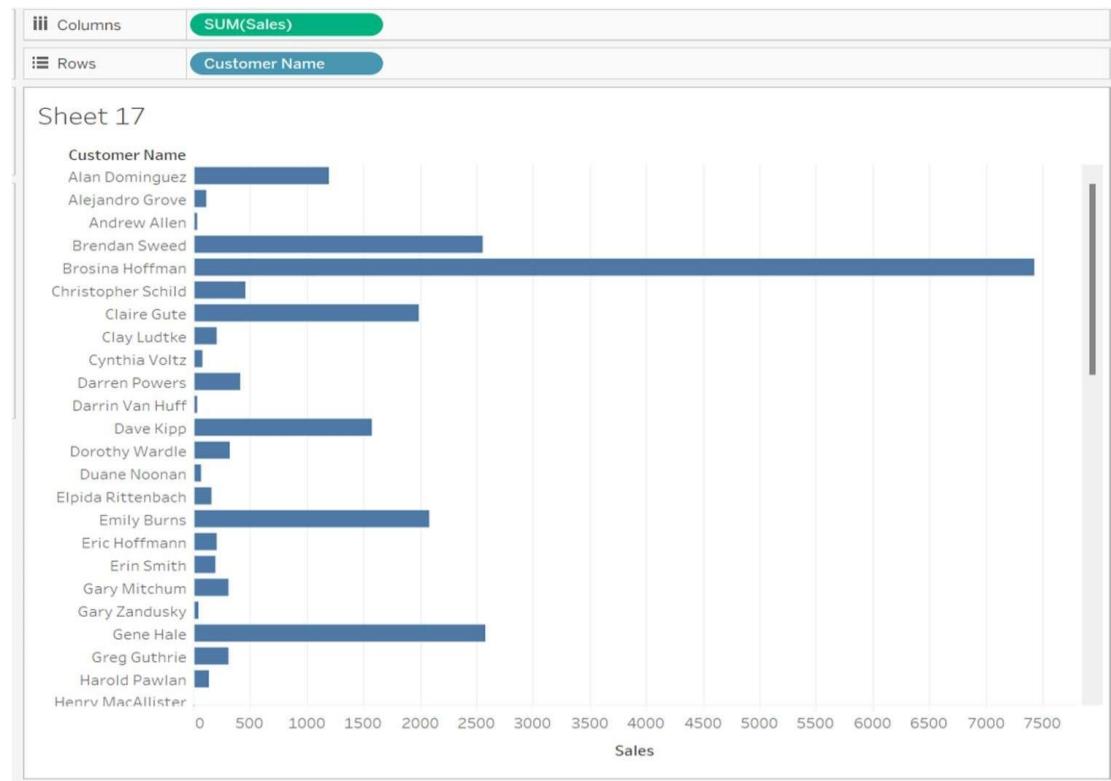
g. Heat Map



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

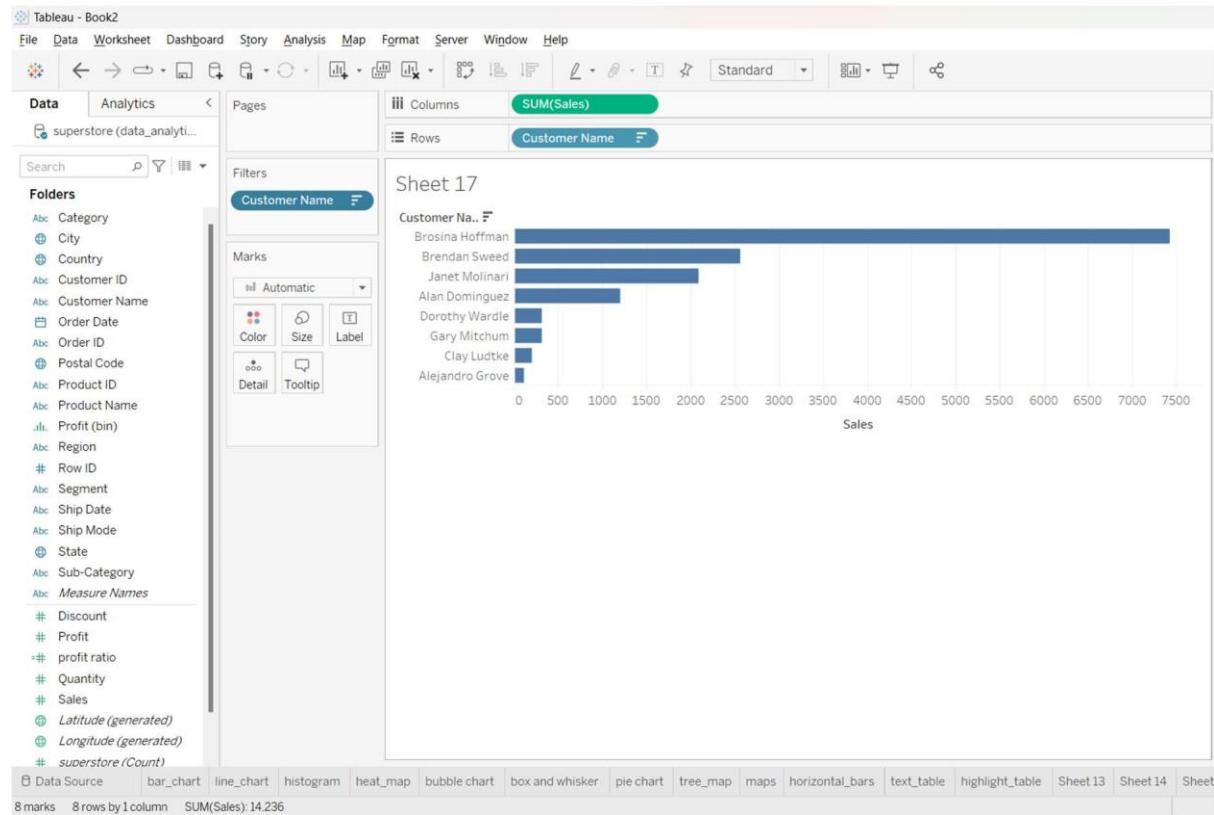
Dimensional Filter

Before Filter:

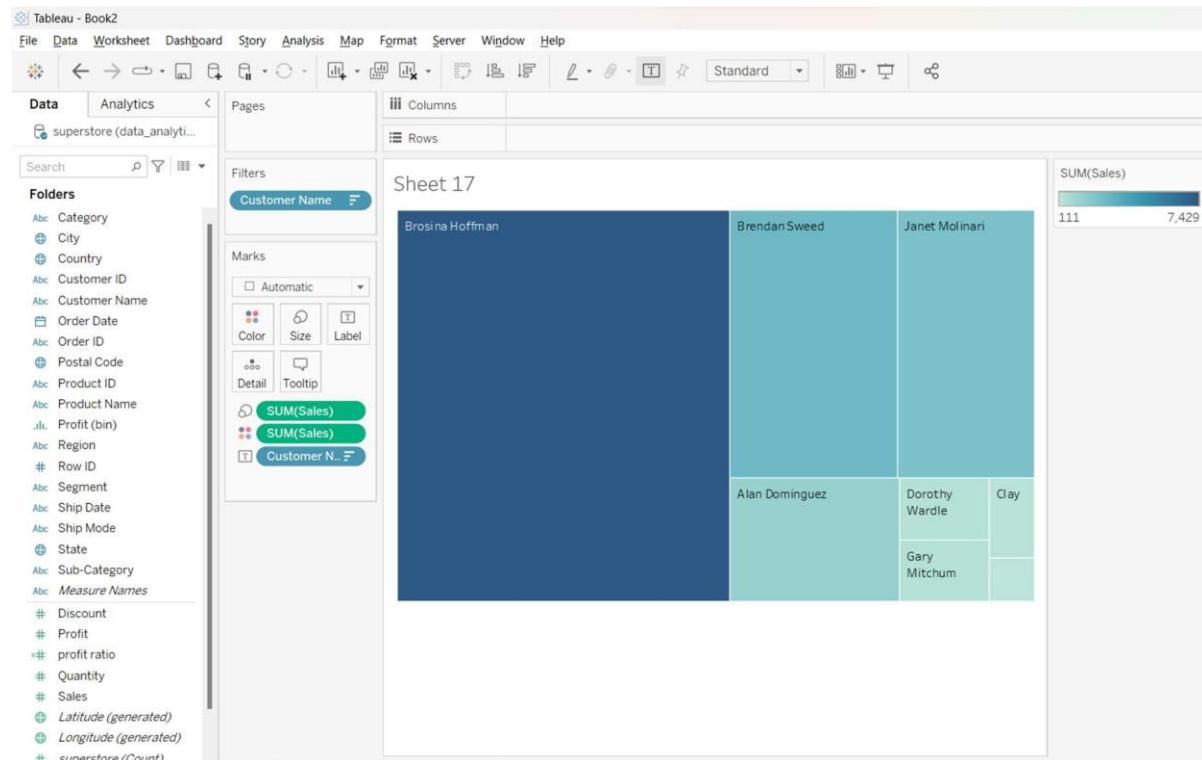


After Filter

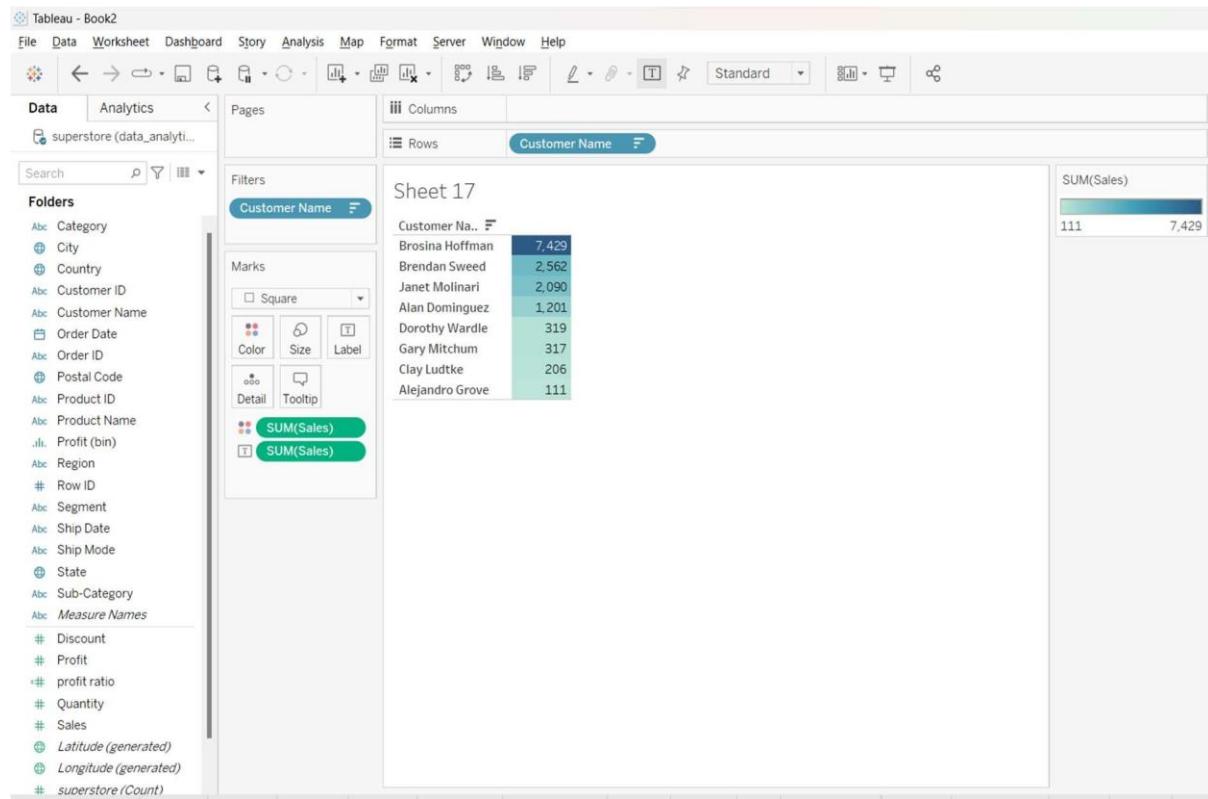
Horizontal Bars



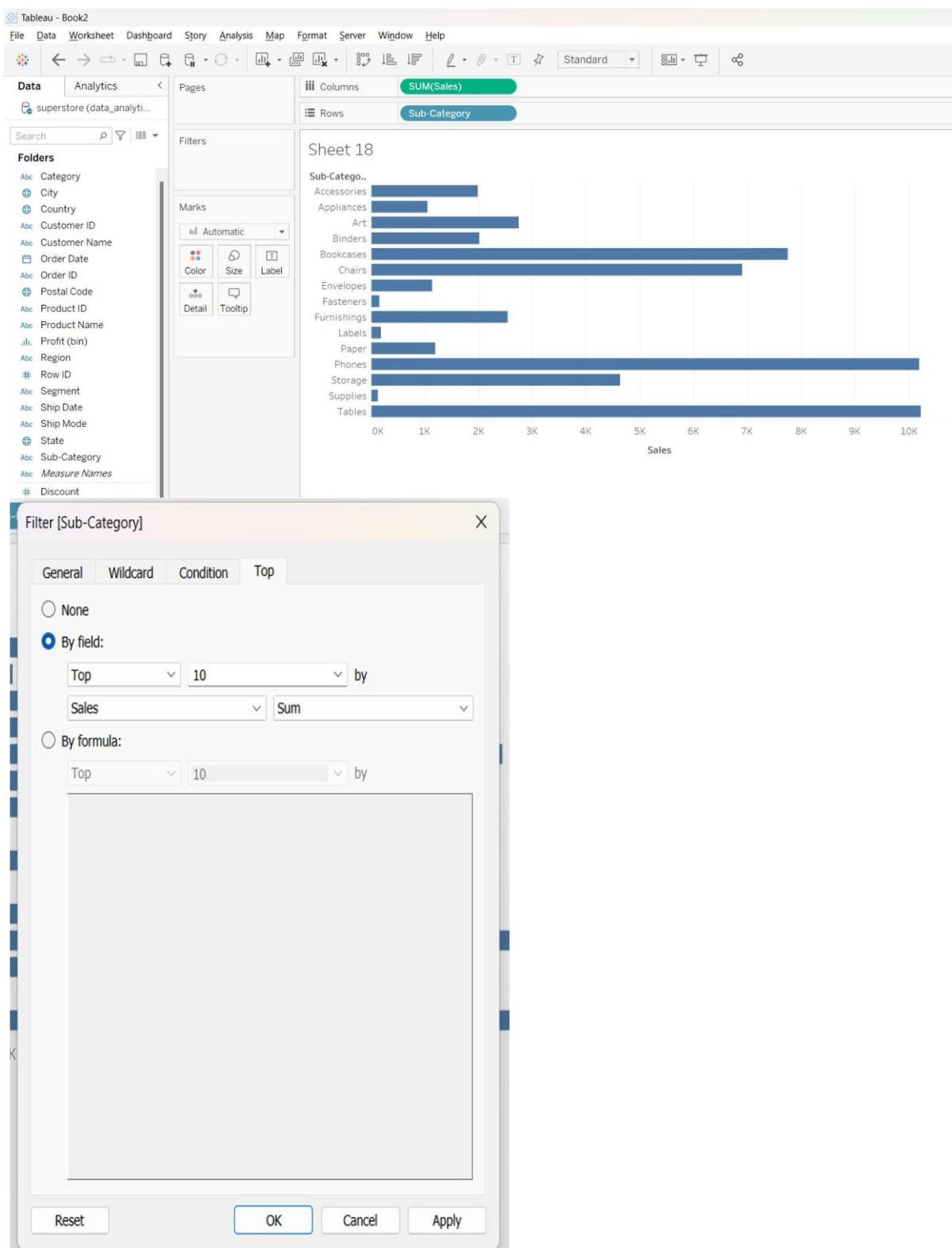
Tree Map:



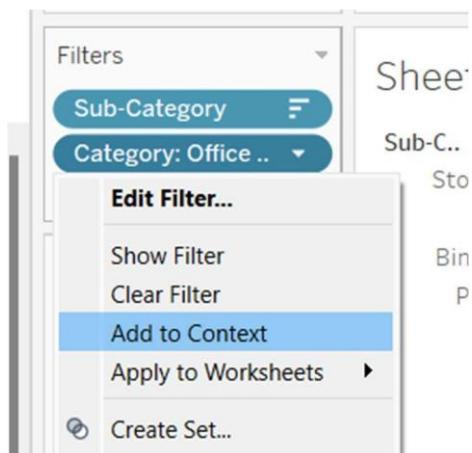
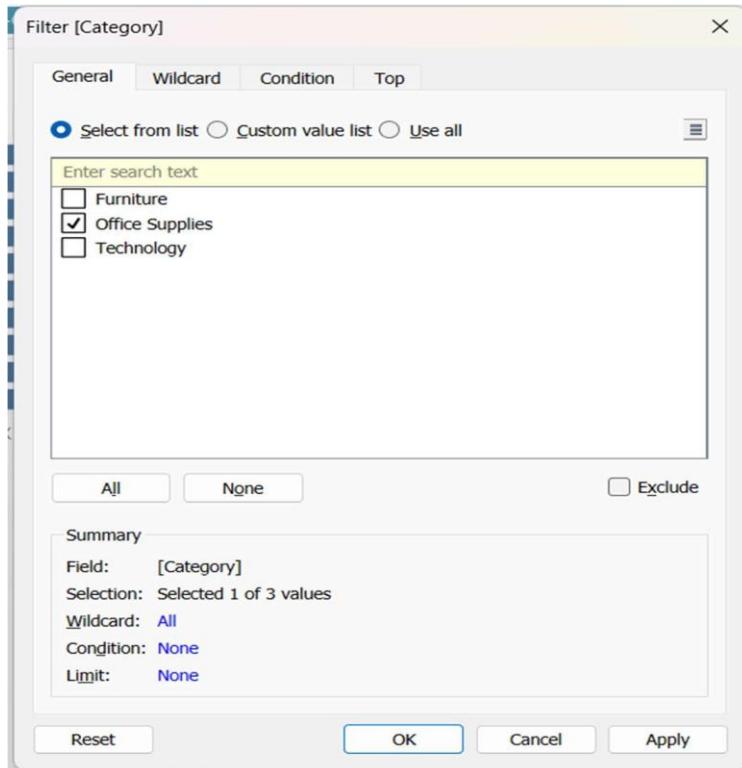
Highlight Table:



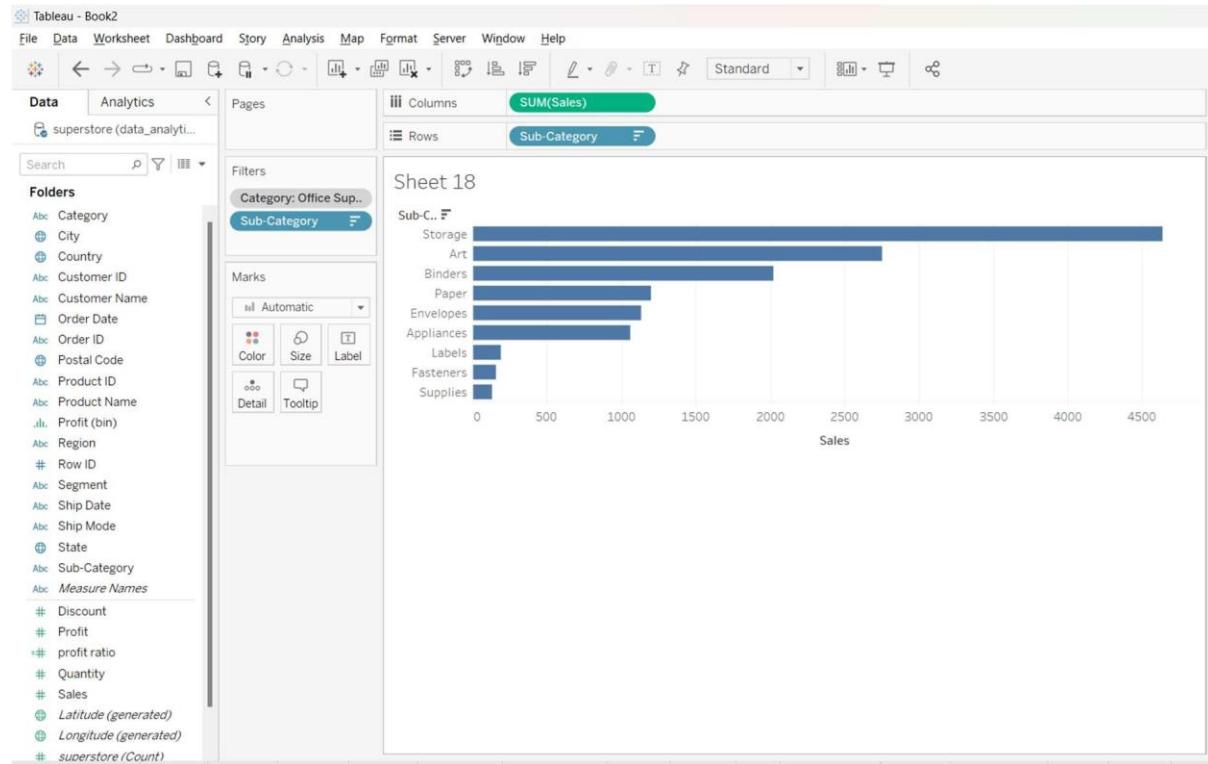
Context Filtering: Before context Filter:



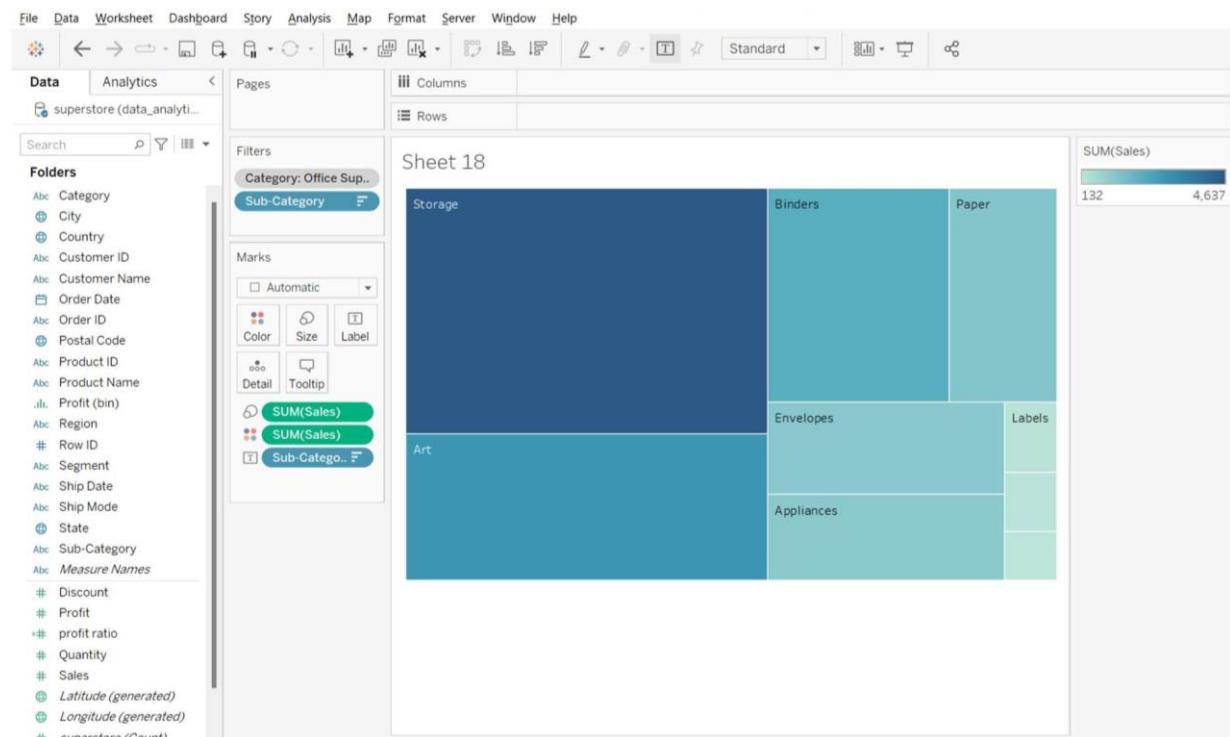
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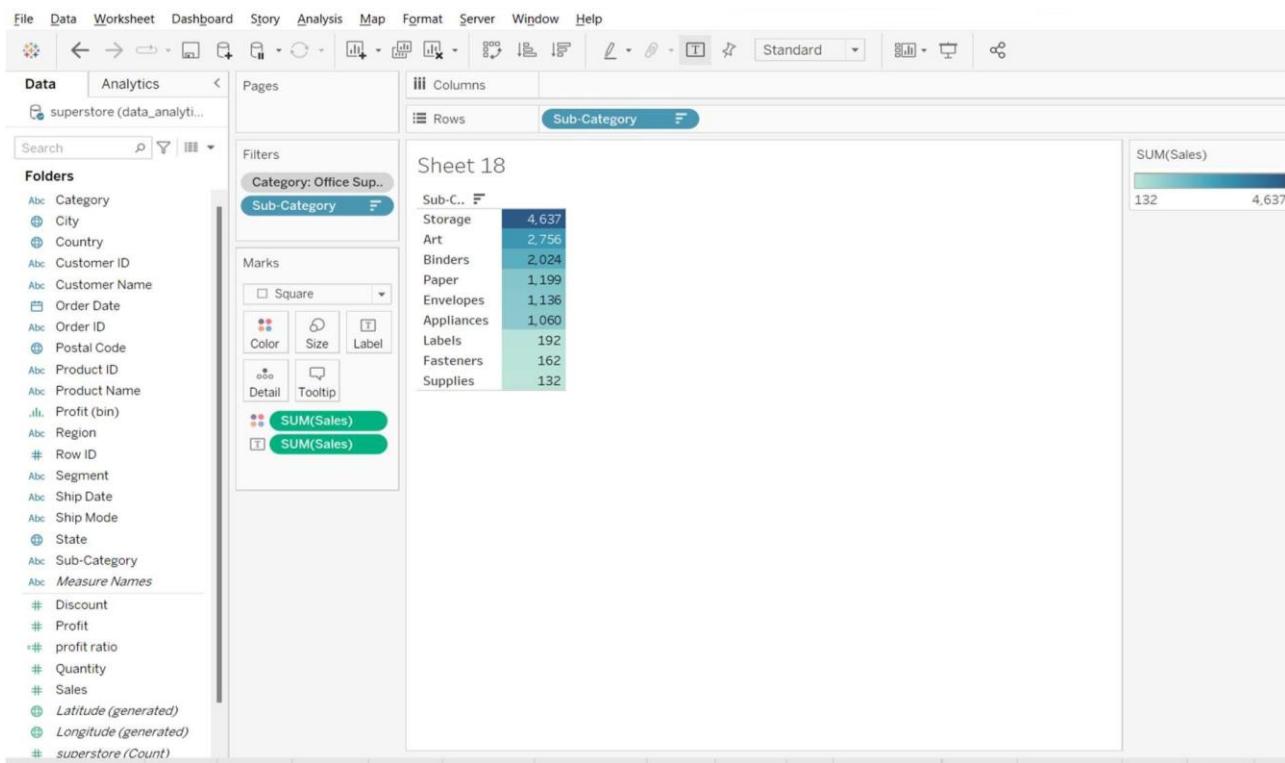
After Context Filtering: Horizontal Bars:



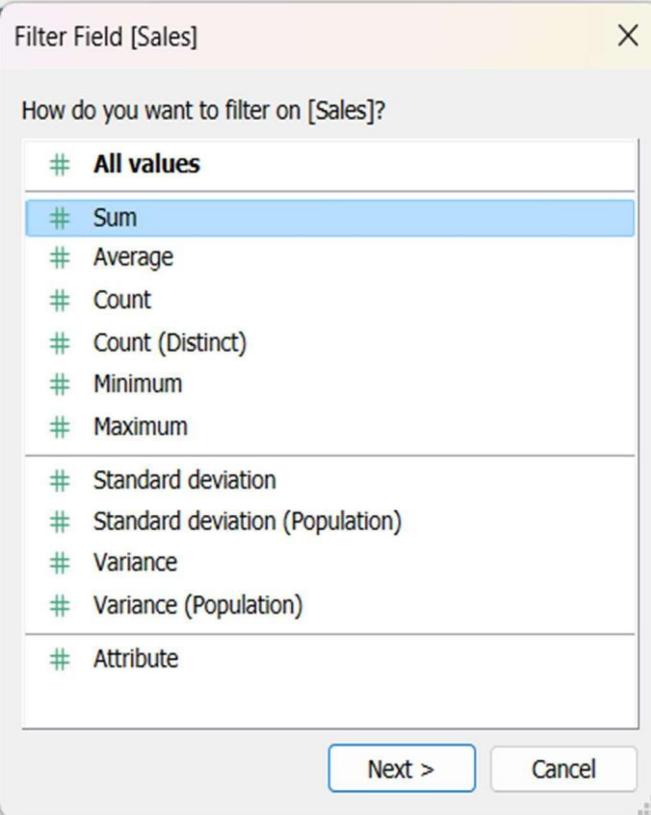
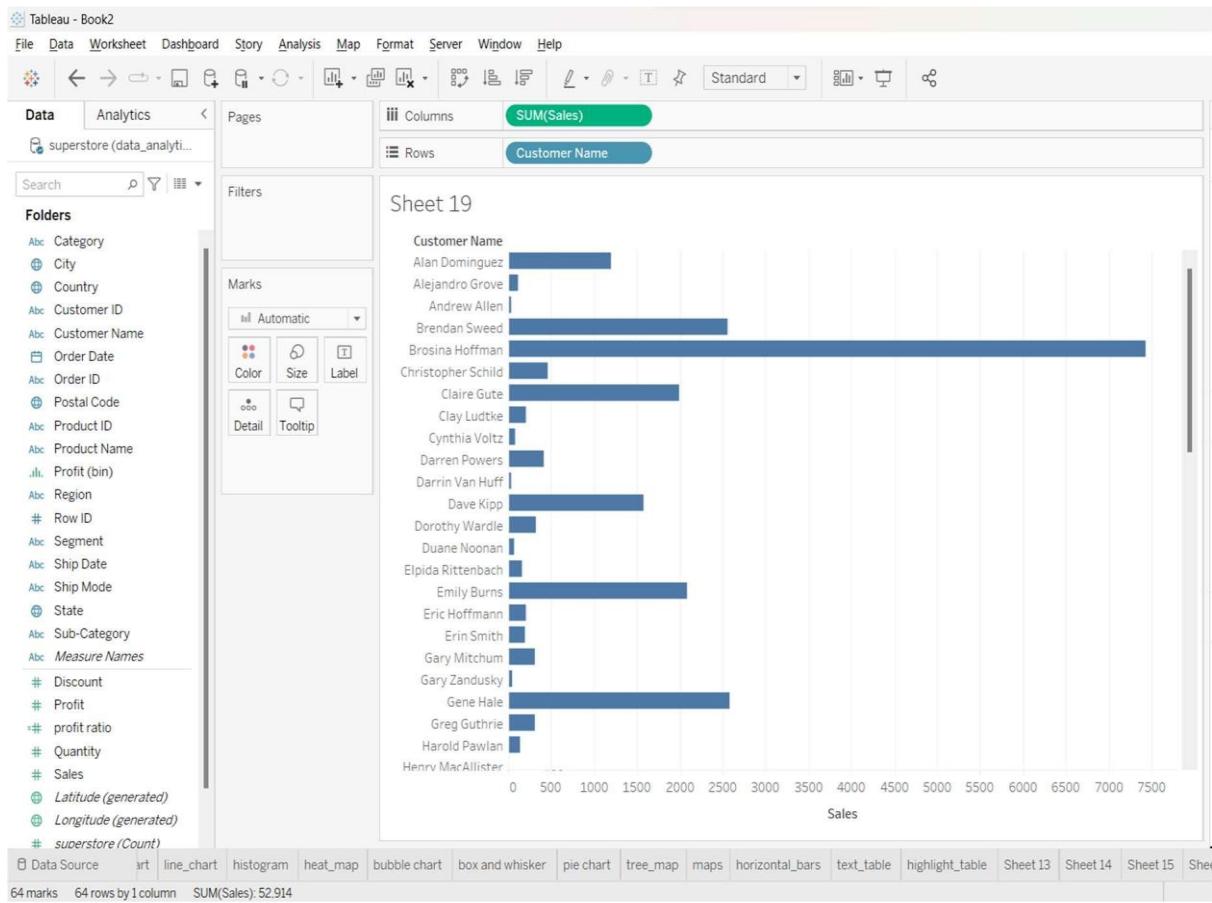
Tree Map

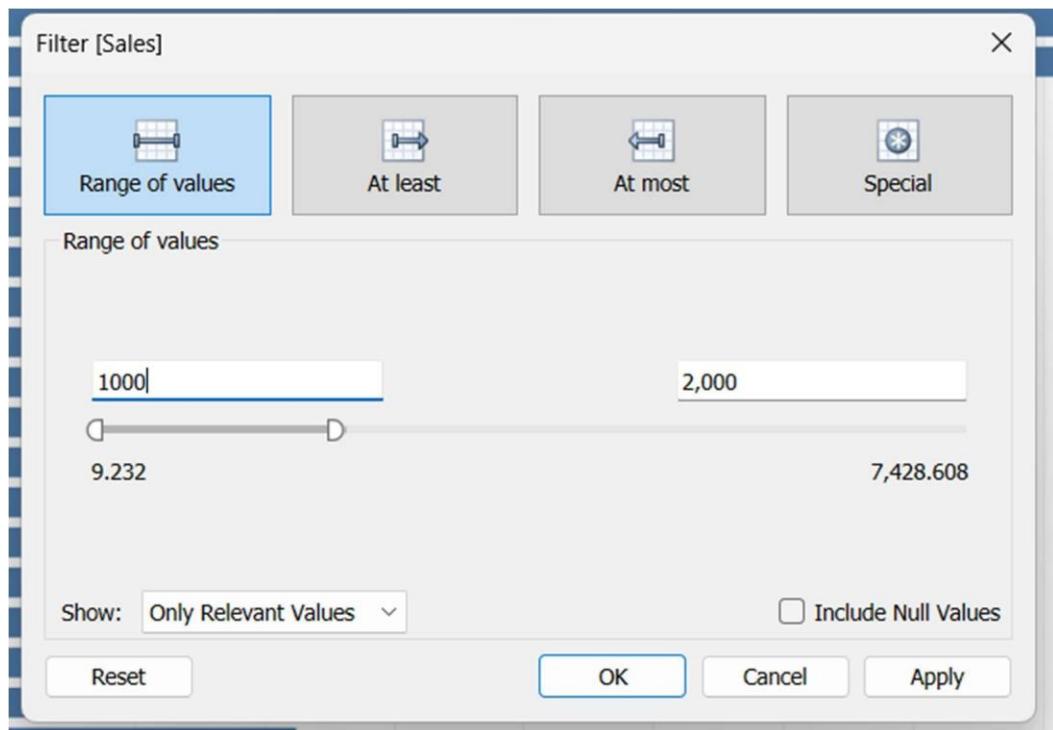


Highlight Table :



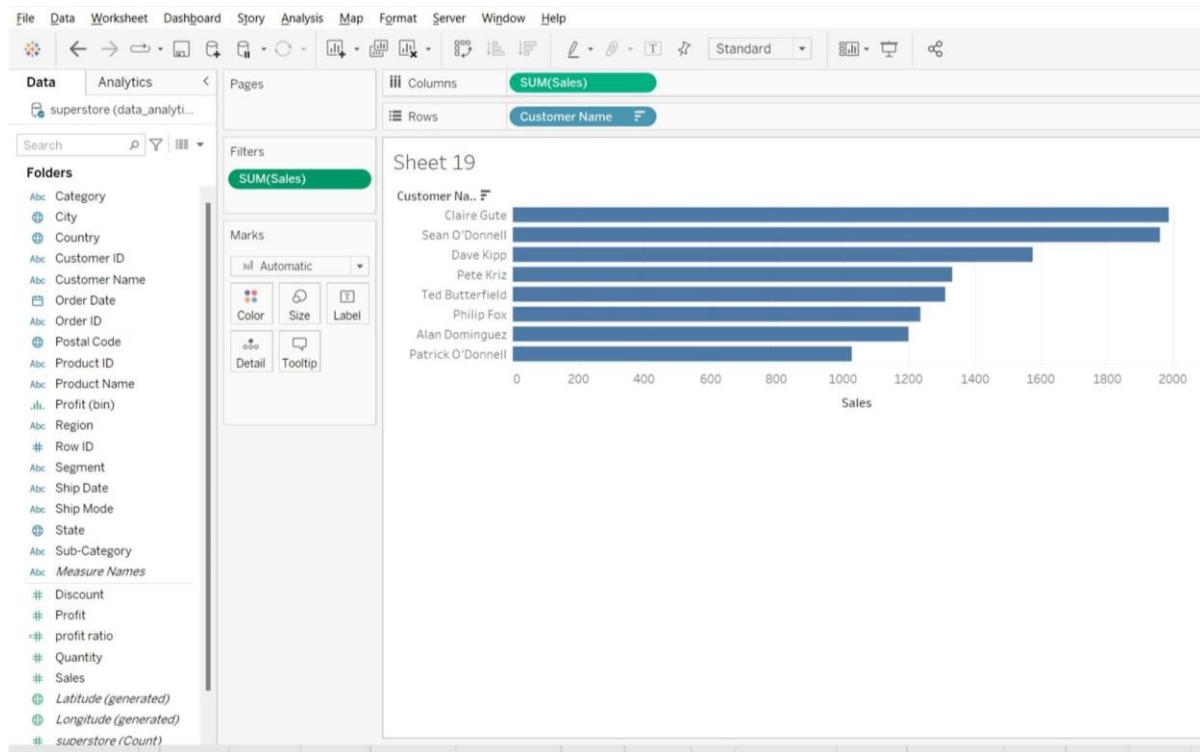
Measure Filtering : Before Filtering





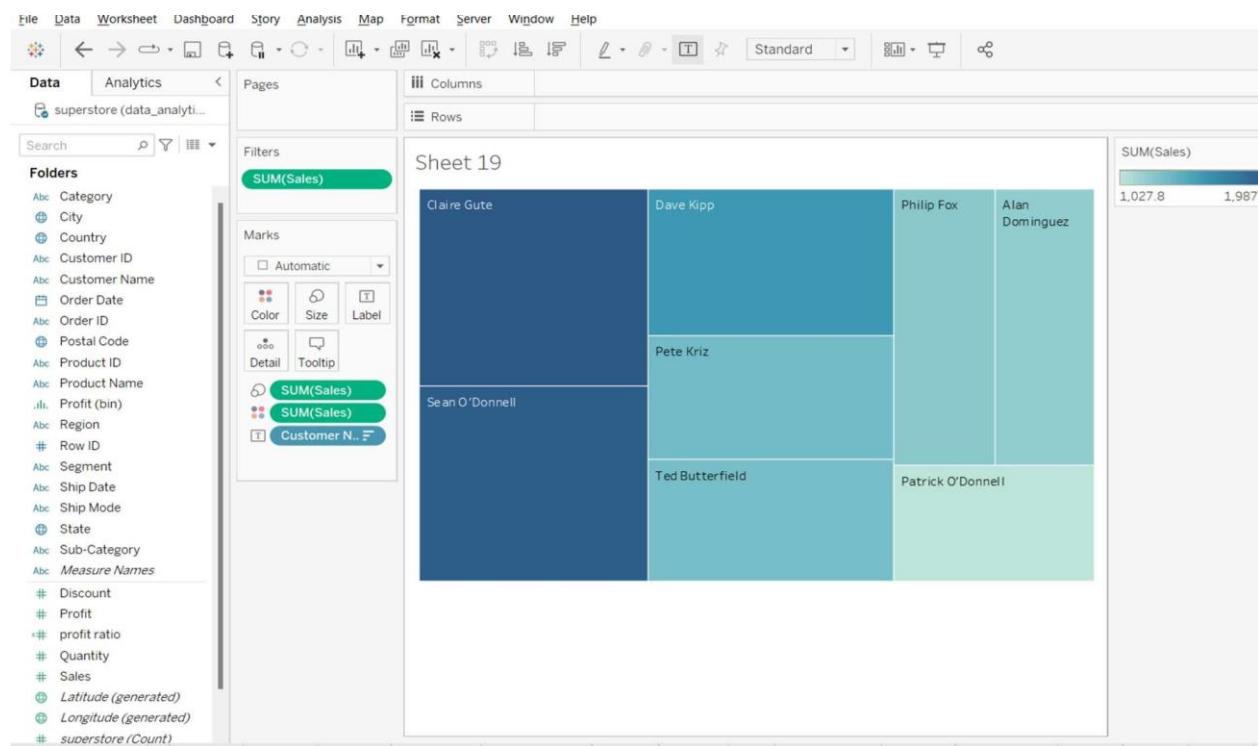
Apply Filtering :

Horizontal bars:

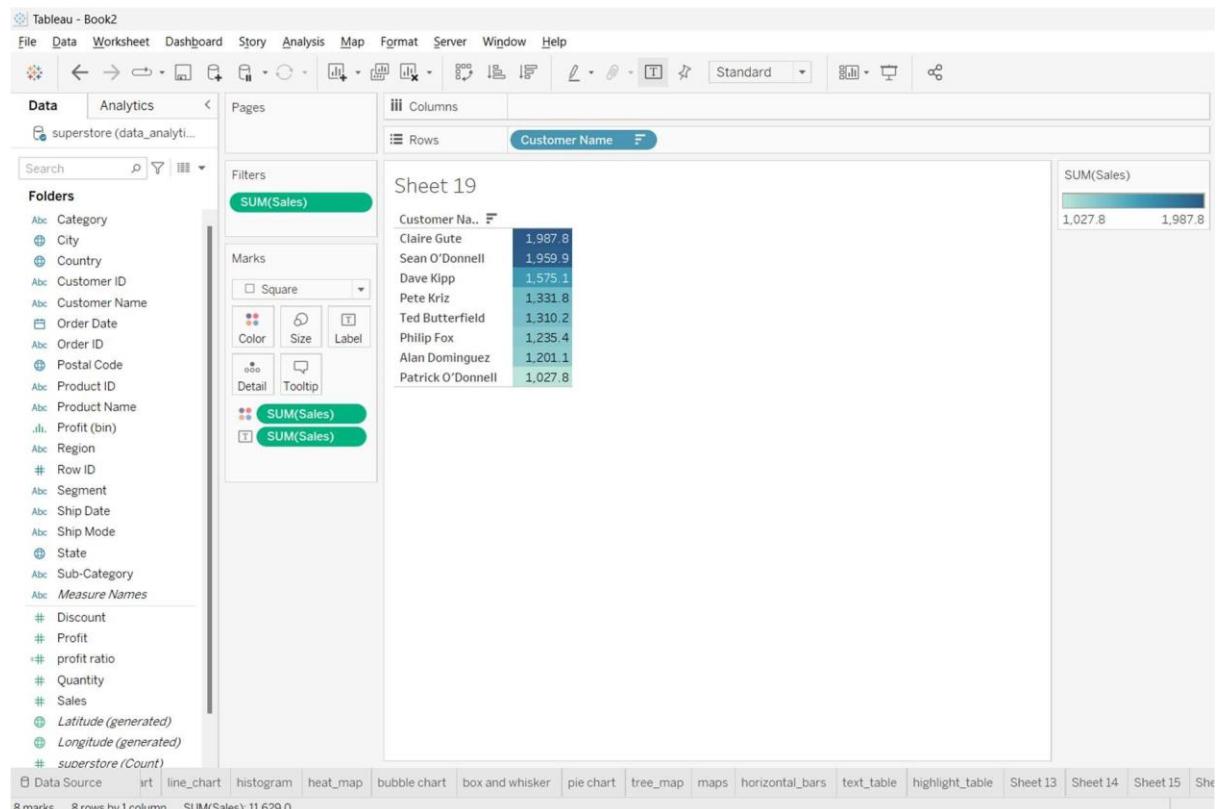


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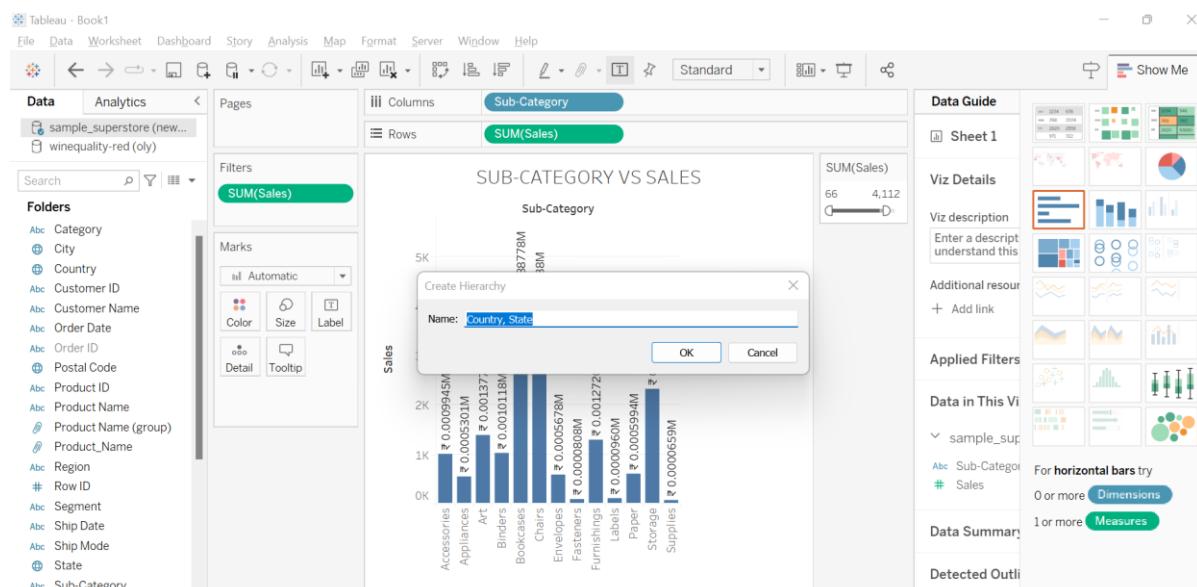
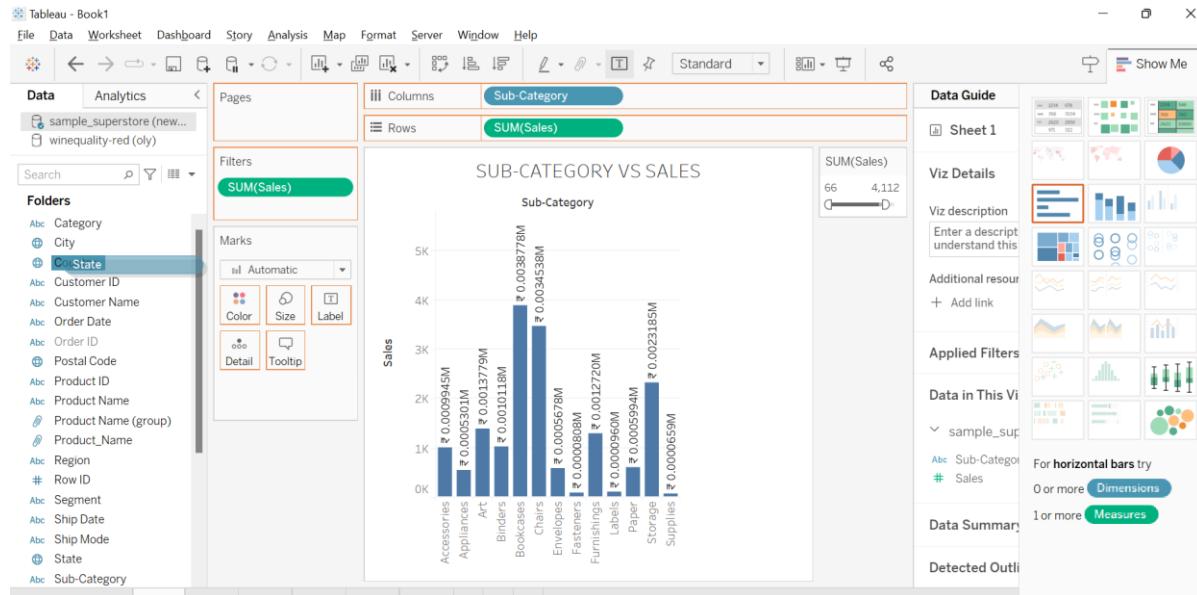
Tree map :



Highlight Table :

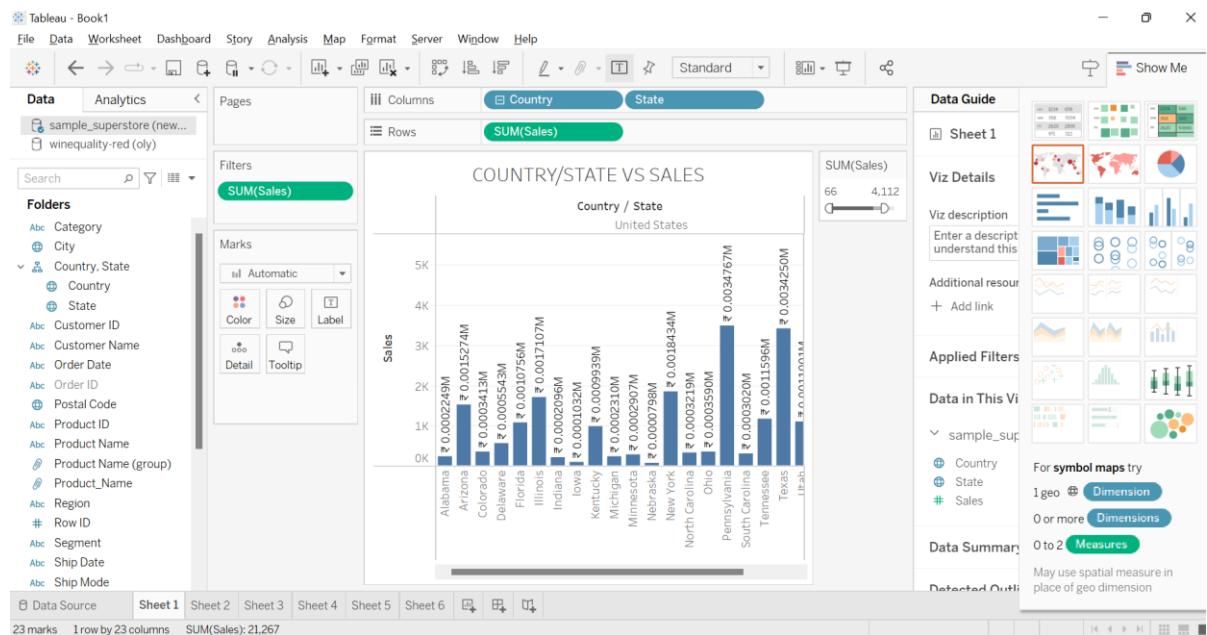
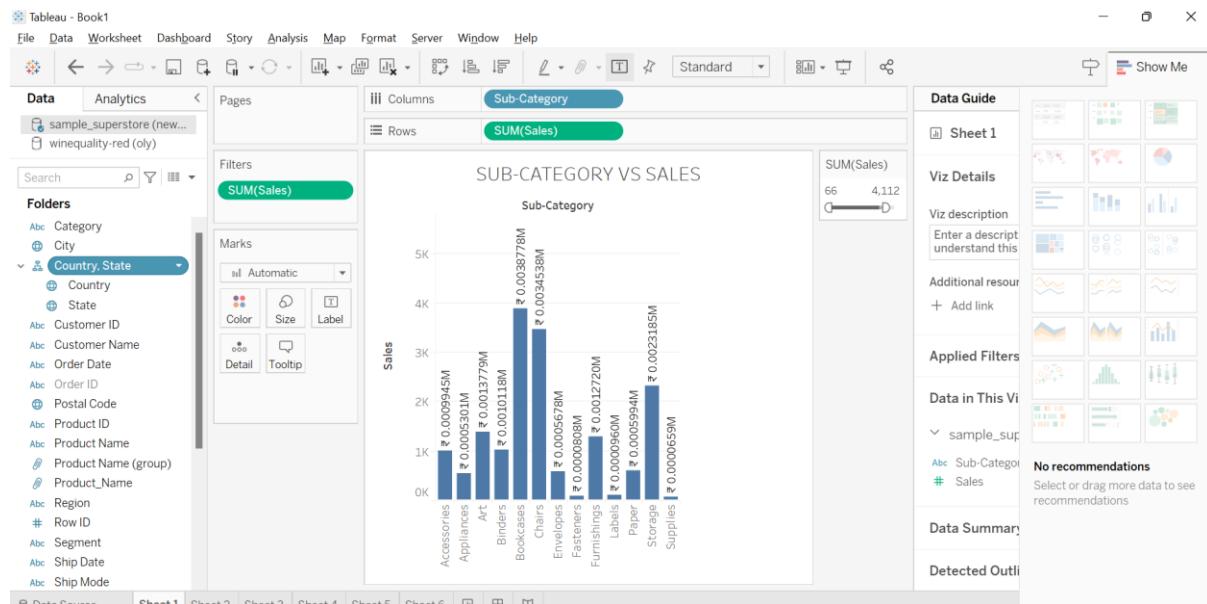


3) Perform the following data manipulations on your dataset Create a Hierarchy



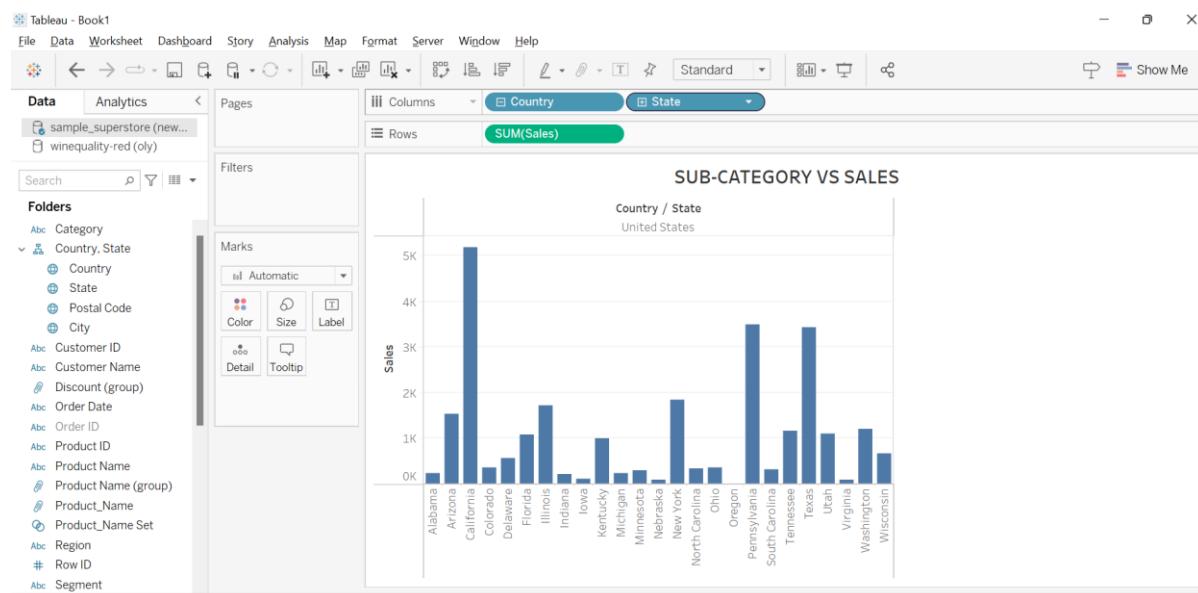
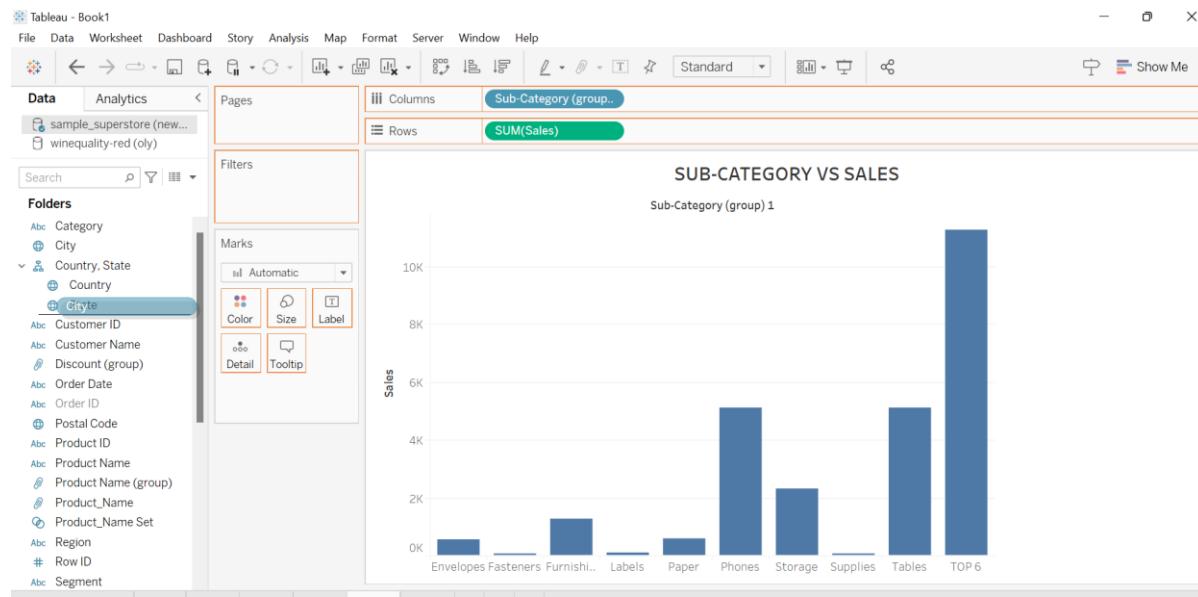
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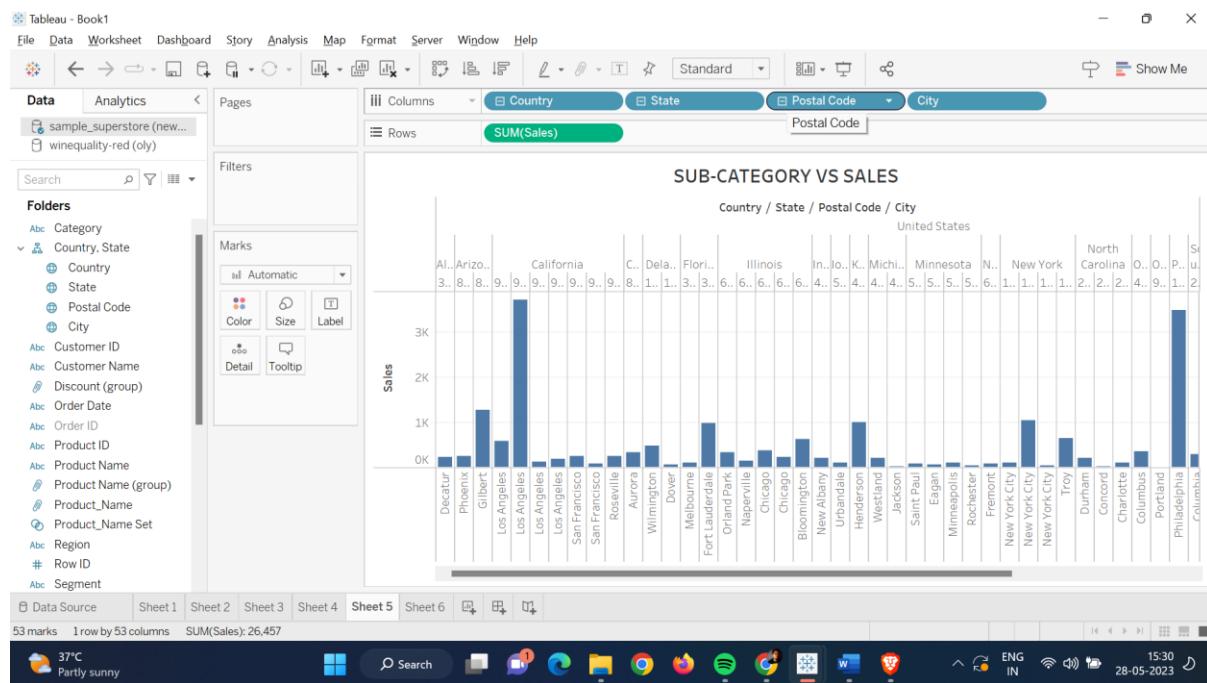
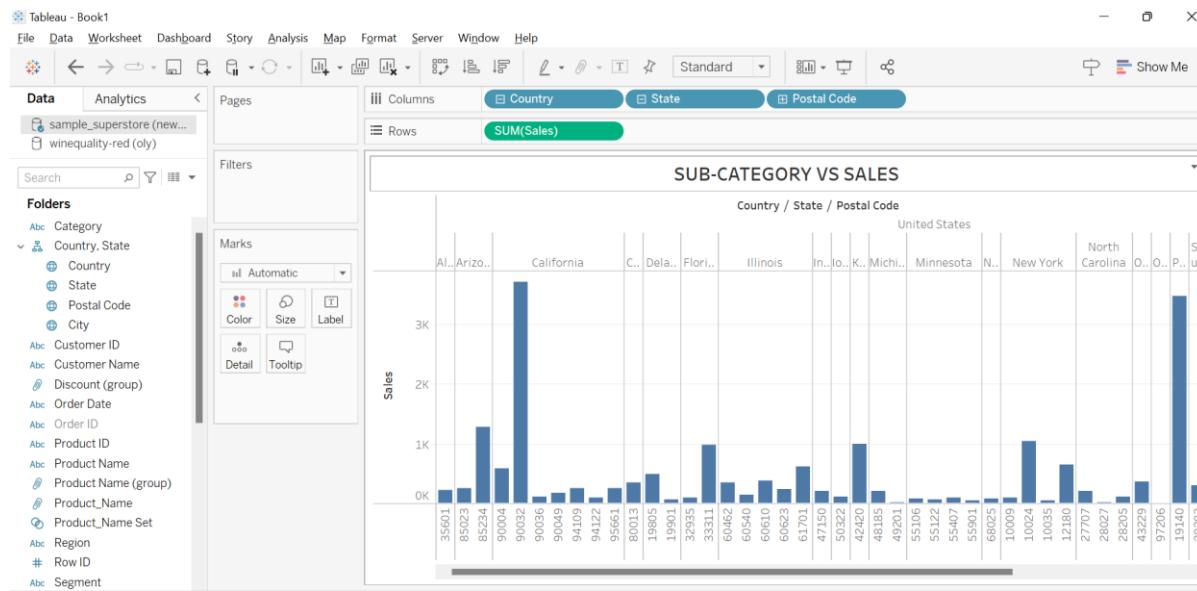
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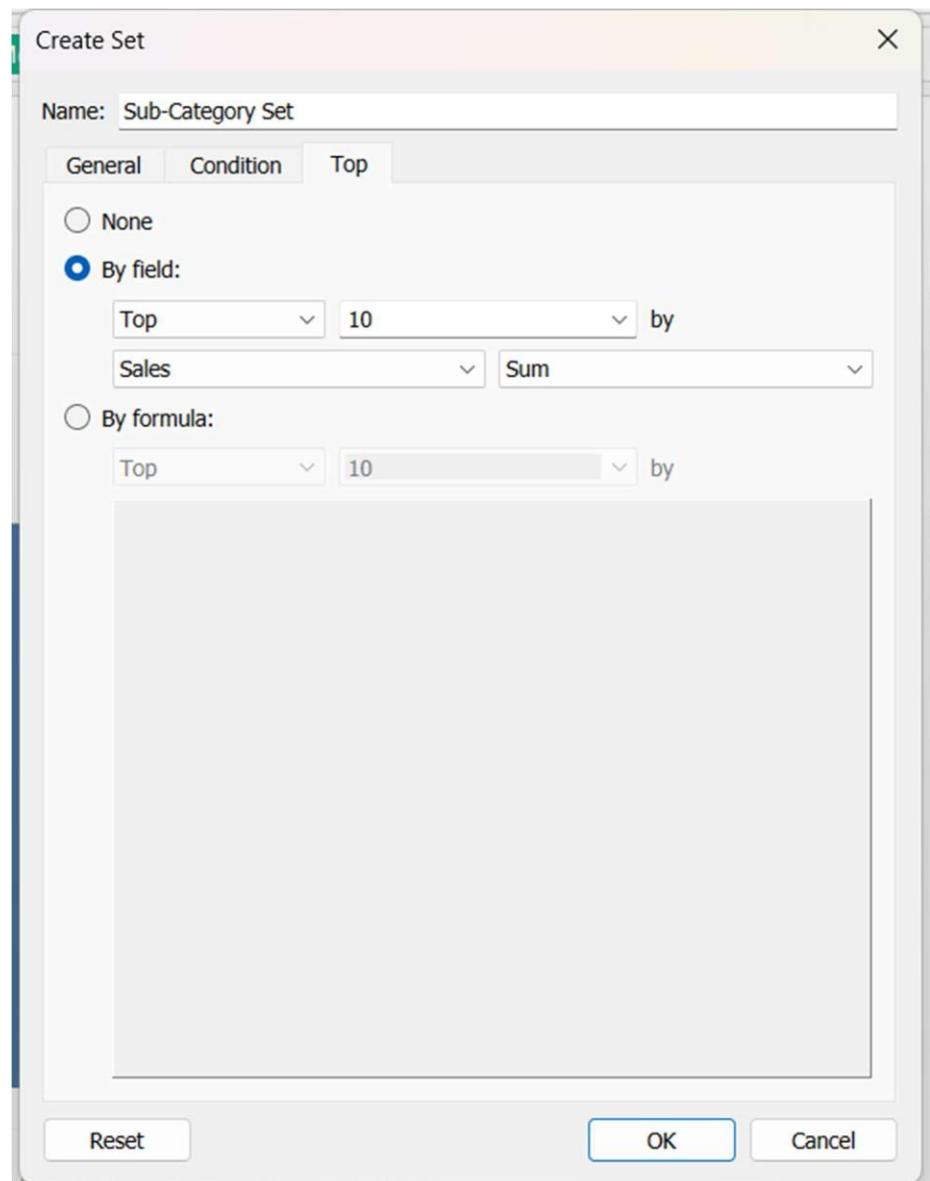
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Create a set:

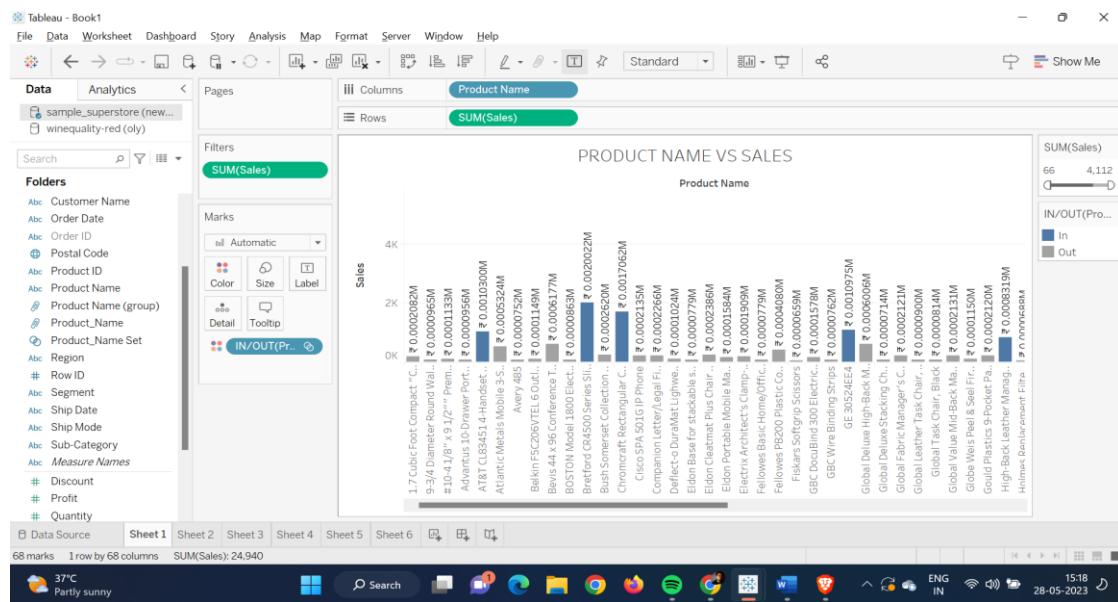
The screenshot shows the Tableau Data pane with the 'Data' tab selected. A context menu is open over the 'Sub-Category' item in the 'Folders' section. The menu is titled 'Add to Sheet' and includes options like 'Show Filter', 'Duplicate', 'Rename', 'Hide', 'Aliases...', 'Create', 'Transform', 'Convert to Measure', 'Change Data Type', 'Default Properties', 'Geographic Role', 'Image Role', 'Group by', 'Folders', 'Hierarchy', 'Replace References...', and 'Describe...'. The 'Create' option is highlighted with a blue selection bar, and its submenu is visible, containing 'Calculated Field...', 'Group...', 'Set...', and 'Parameter...'. The 'Set...' option is also highlighted with a blue selection bar.



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Abc Product Name
 .Ab Profit (bin)
 Ab Region
 # Row ID
 Ab Segment
 Ab Ship Date
 Ab Ship Mode
 Ab Sub-Category
Sub-Category Set
 Ab Measure Names
 # Discount
 # Profit
 =# profit ratio



Create a group.

The screenshot shows the Tableau interface with a bar chart titled "Sheet 18". The chart displays profit values for various categories: Accessories (~-1800), Appliances (~-1200), Art (~-1200), Binders (~-1200), Bookcases (~-2800), and Chairs (~-1200). The y-axis ranges from -3K to 1K. A context menu is open over the "Sub-Category" field in the data pane, specifically under the "Create" submenu. The "Group..." option is highlighted. The data pane also shows other fields like "Category", "Customer ID", "Customer Name", "location", "City", "Country", "Postal Code", "State", "Order Date", "Order ID", "Product ID", "Product Name", "Profit (bin)", "Region", "Row ID", "Segment", "Ship Date", "Ship Mode", and "Measure Names".

Tableau - Book2

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Data Analytics < Pages Columns Sub-Categories

superstore (data_analytic...)

Rows SUM(Profit)

Search

Folders

- Abc Category
- Abc Customer ID
- Abc Customer Name
- ✓ location
 - 🌐 City
 - 🌐 Country
 - 🌐 Postal Code
 - 🌐 State
- Order Date
- Abc Order ID
- Abc Product ID
- Abc Product Name
- .m Profit (bin)
- Abc Region
- # Row ID
- Abc Segment
- Abc Ship Date
- Abc Ship Mode

Abc Sub-Category

Abc Measure Names

- # Discount
- # Profit
- =# profit ratio
- # Quantity
- # Sales
- 🌐 Latitude (generated)
- 🌐 Longitude (generated)

Add to Sheet

Show Filter

Duplicate

Rename

Hide

Aliases...

Create

Calculated Field...

Group...

Transform

Convert to Measure

Change Data Type

Default Properties

Geographic Role

Image Role

Set...

Parameter...

Group by

Folders

Hierarchy

Replace References...

Describe...

Sheet 18

Profit

1K

-1K

-2K

-3K

Accessories

Appliances

Art

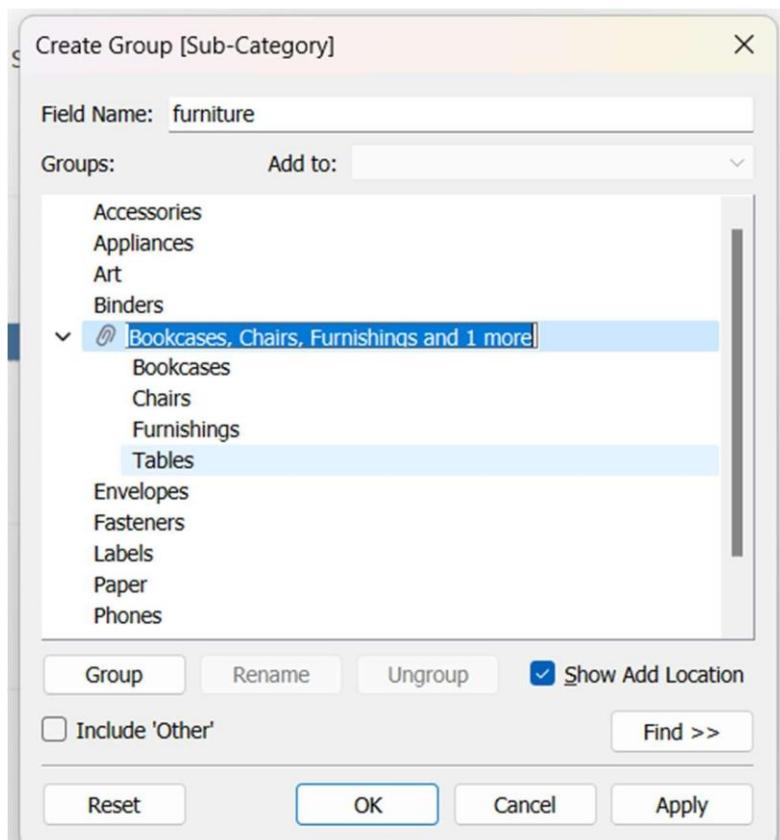
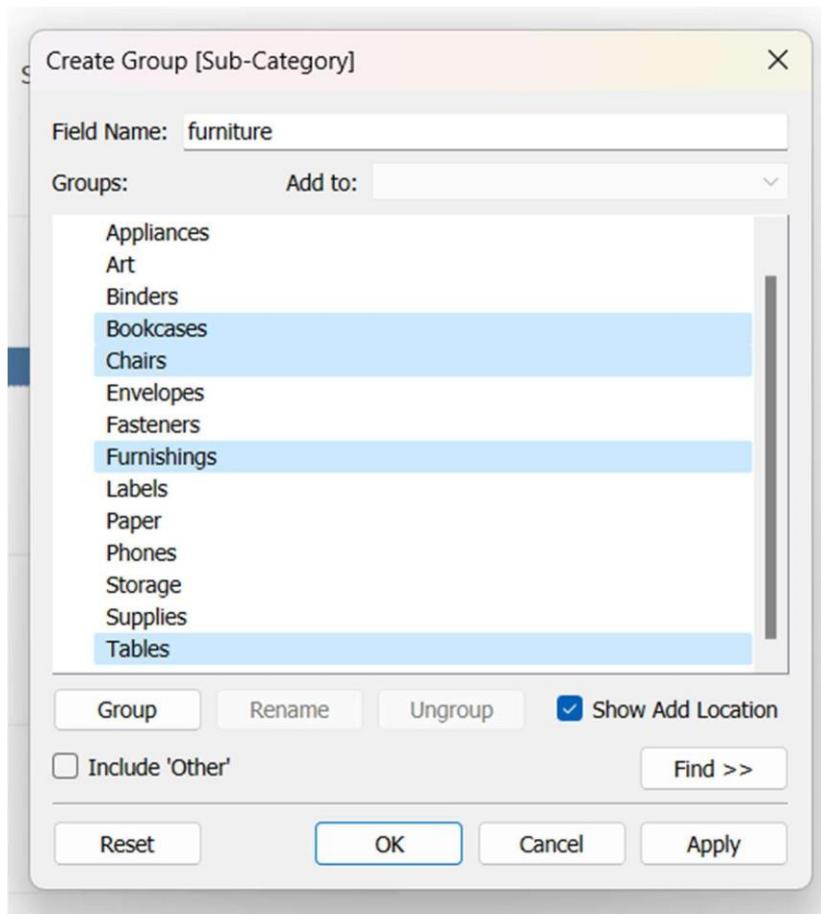
Binders

Bookcases

Chairs

Data Source bar_chart line_chart histogram heat_map bubble chart box and whisker

15 marks 1 row by 15 columns SUM(Profit): 118



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