

ASSIGNMENT – 2

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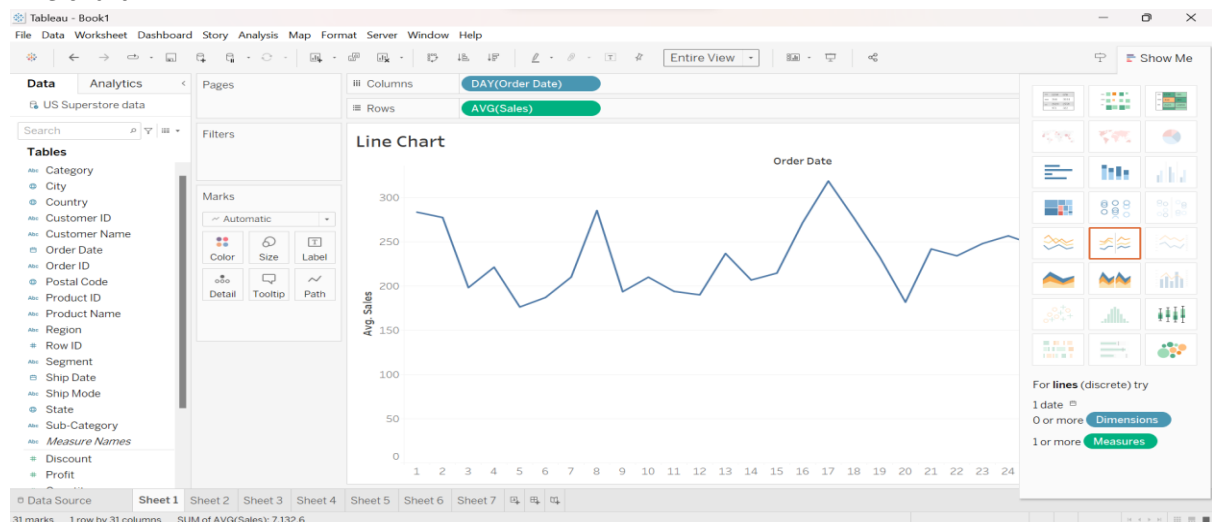
Google link for this pdf and the .twbx file of the assignment: -

https://drive.google.com/drive/folders/1pVrpjQKUhdJ5Q_DtbhpAxeZRLaalBFTa?usp=sharing

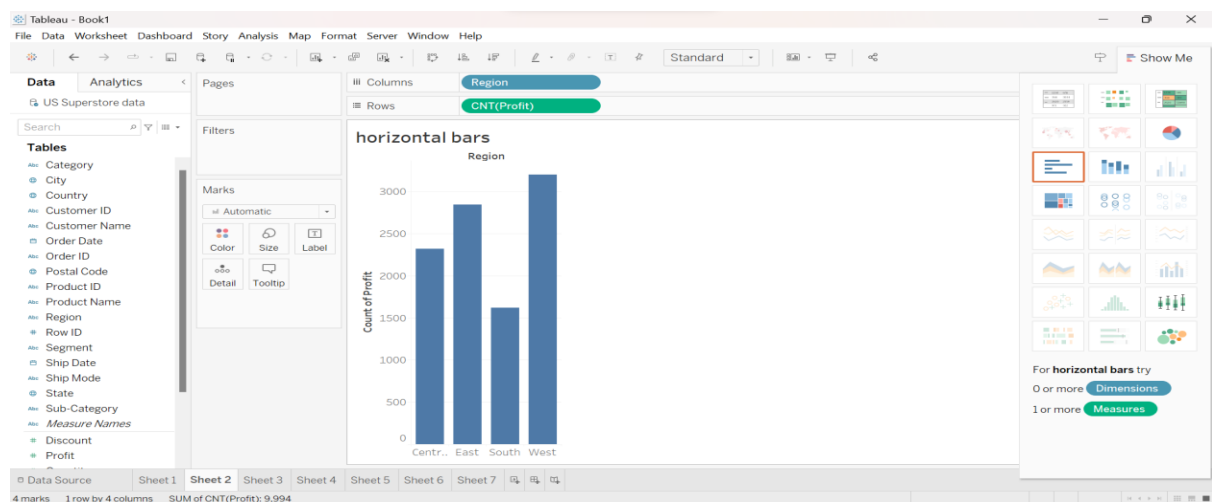
1) Create any 7 data visualizations/charts and perform the following.

Screenshots: -

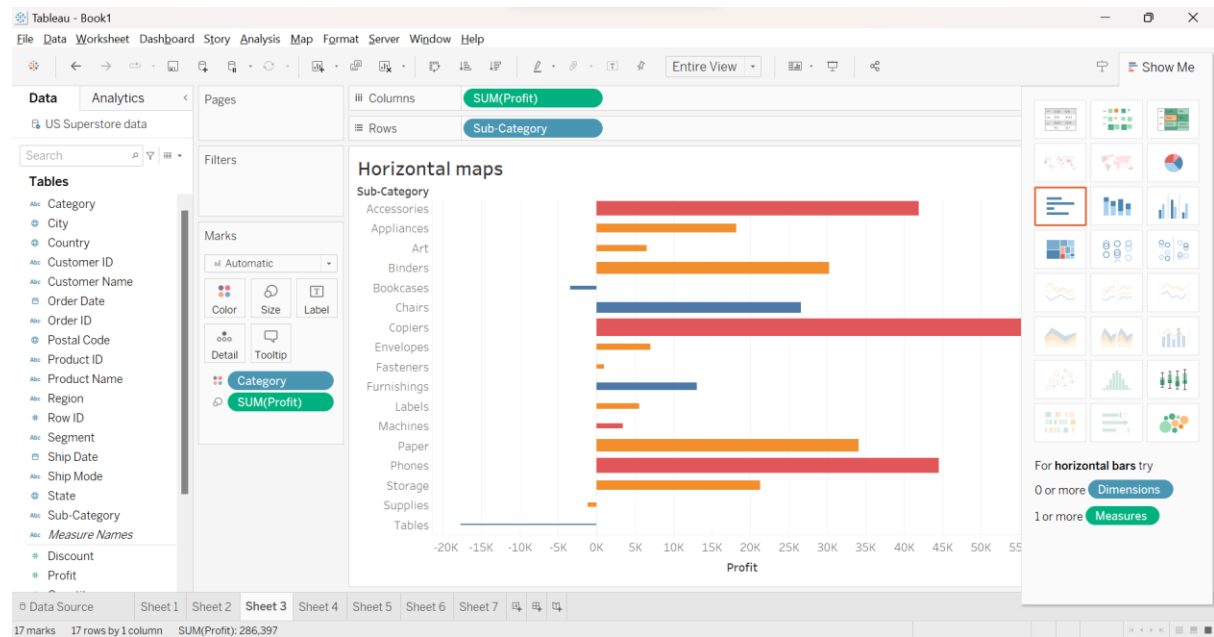
Line chart: -



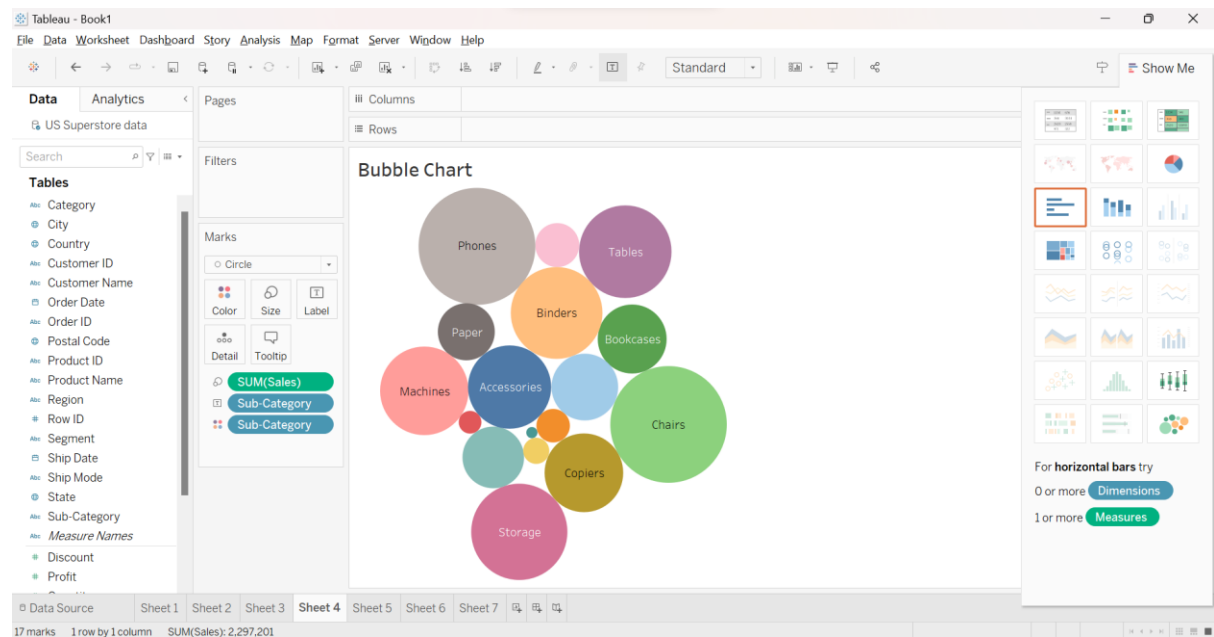
bar chart: -



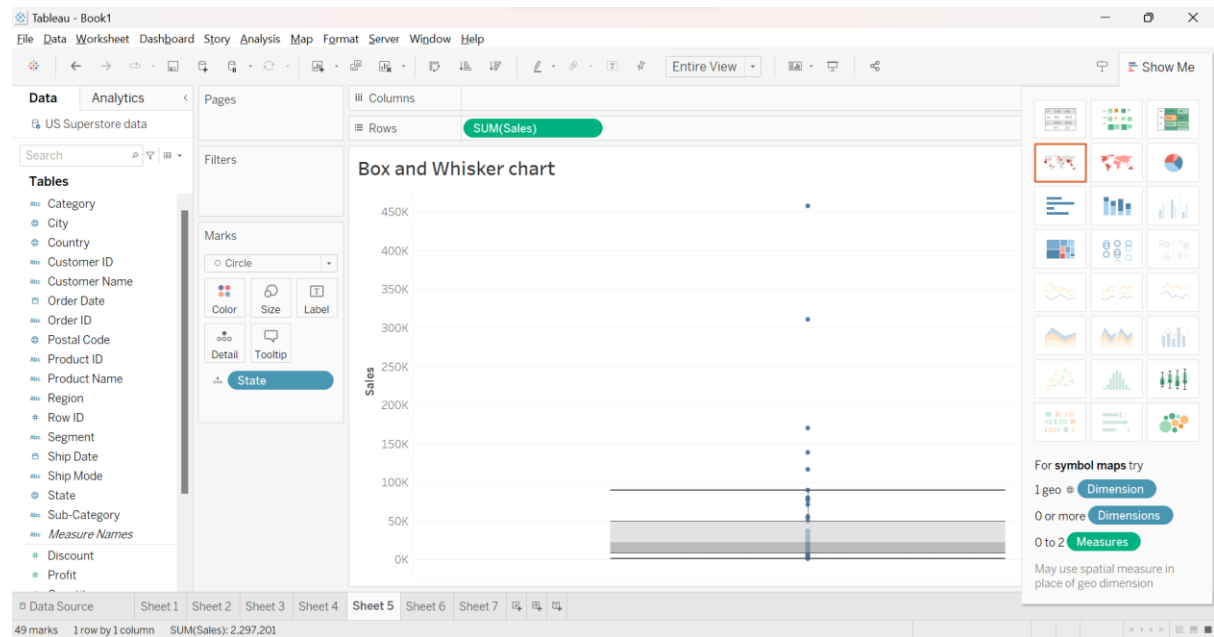
Horizontal map: -



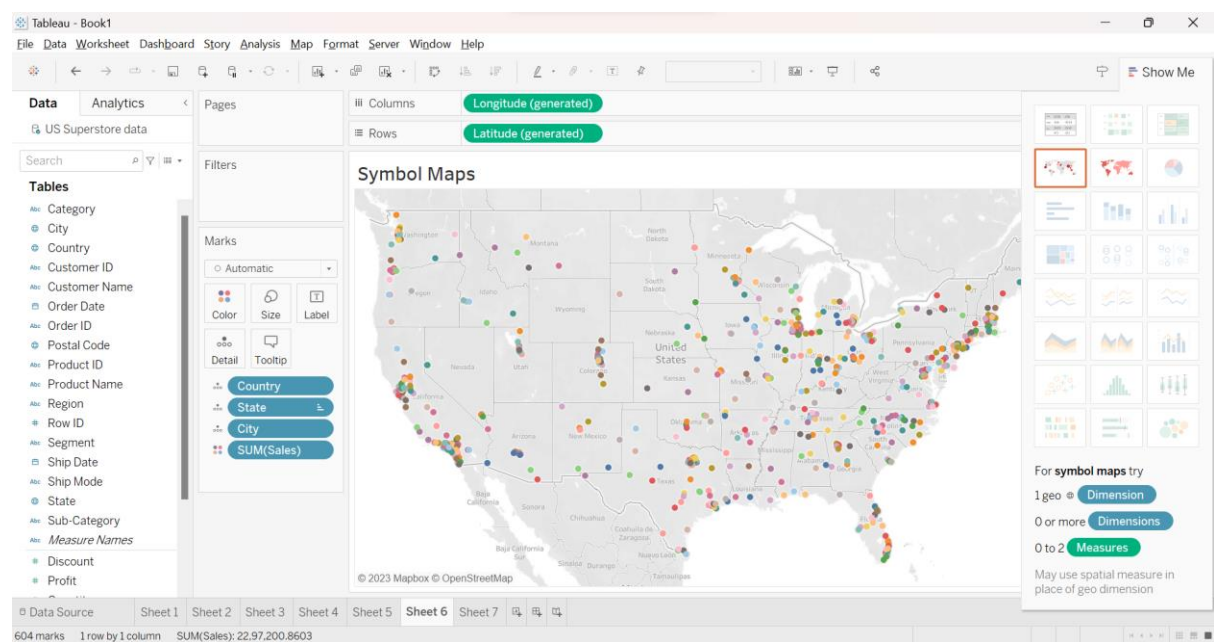
Bubble chart; -



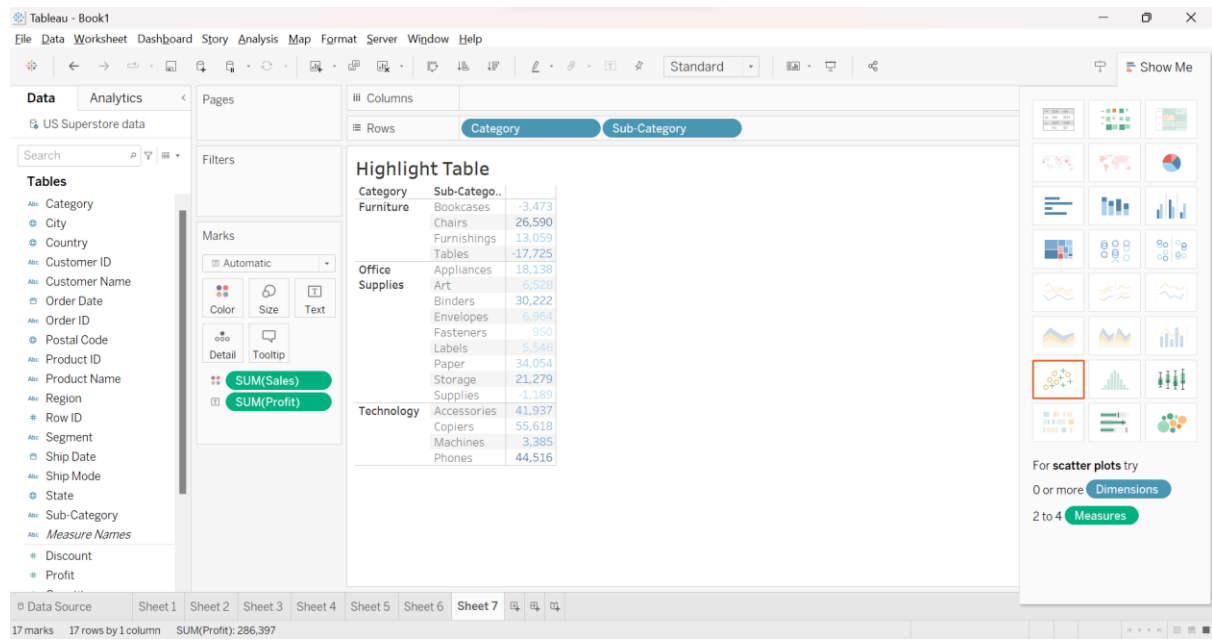
Box and whisker: -



Symbol maps: -



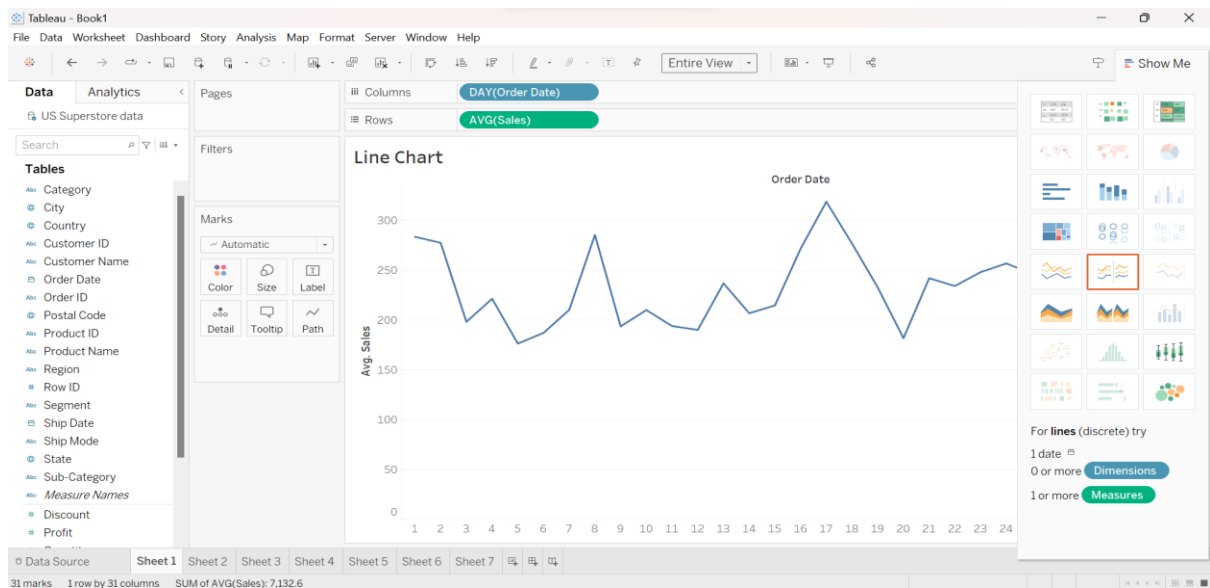
Highlight Table: -



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

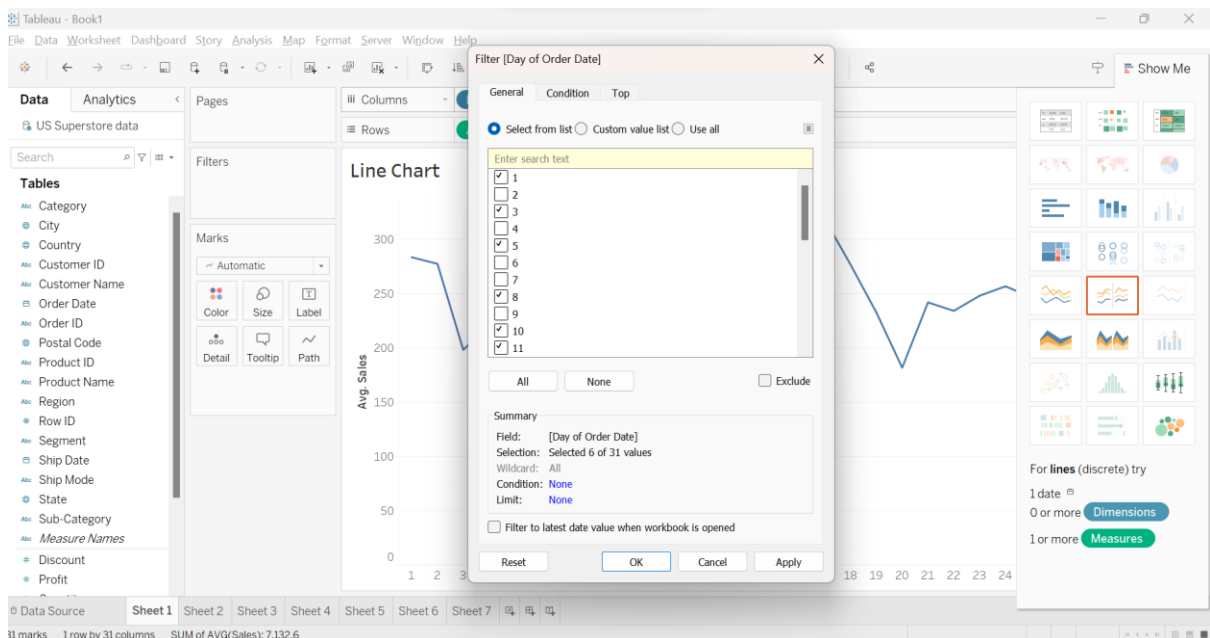
Visualizations

i) First visualization: -
Before filter: -

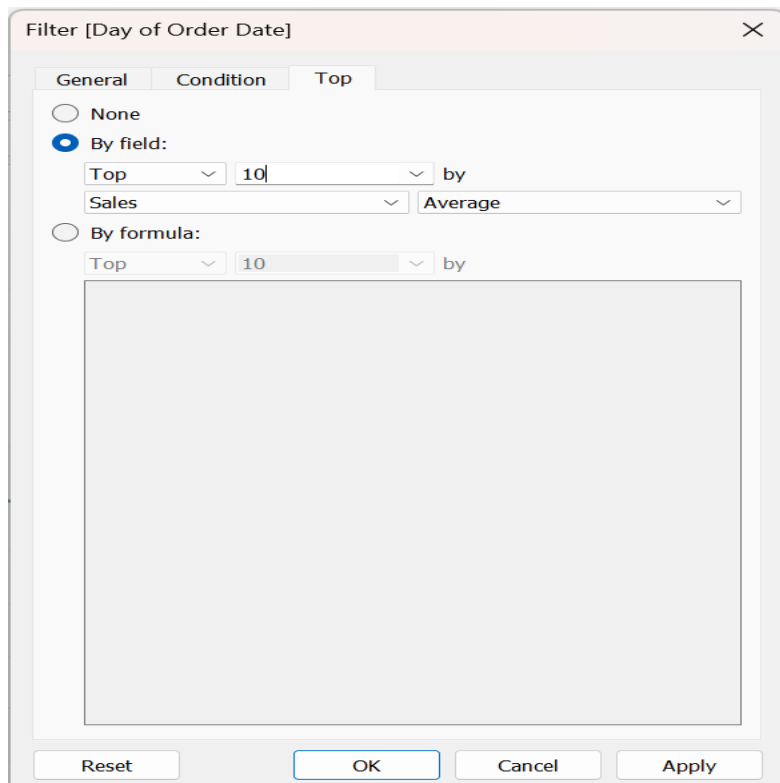


Filter: -

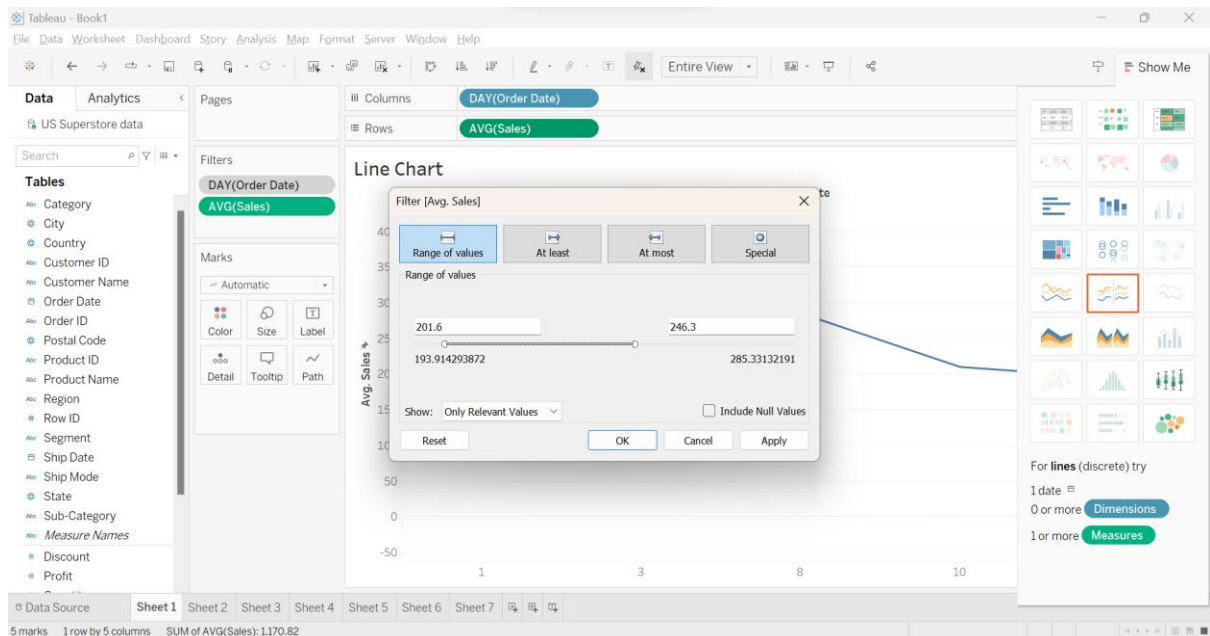
Dimension filter: -



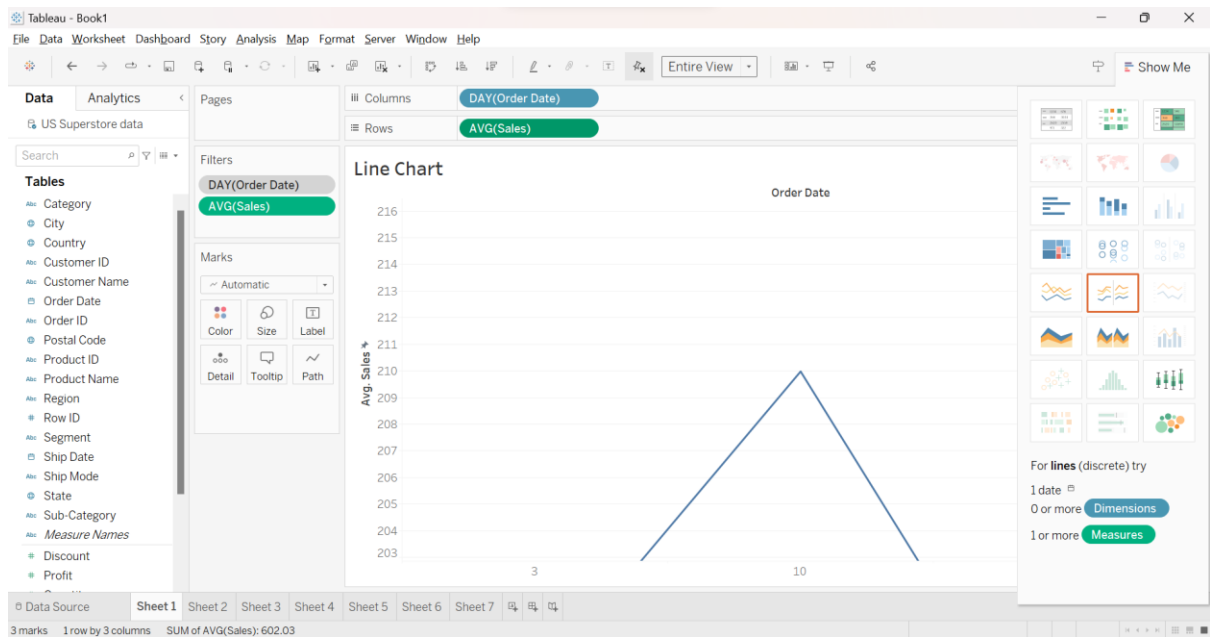
Context filter: -



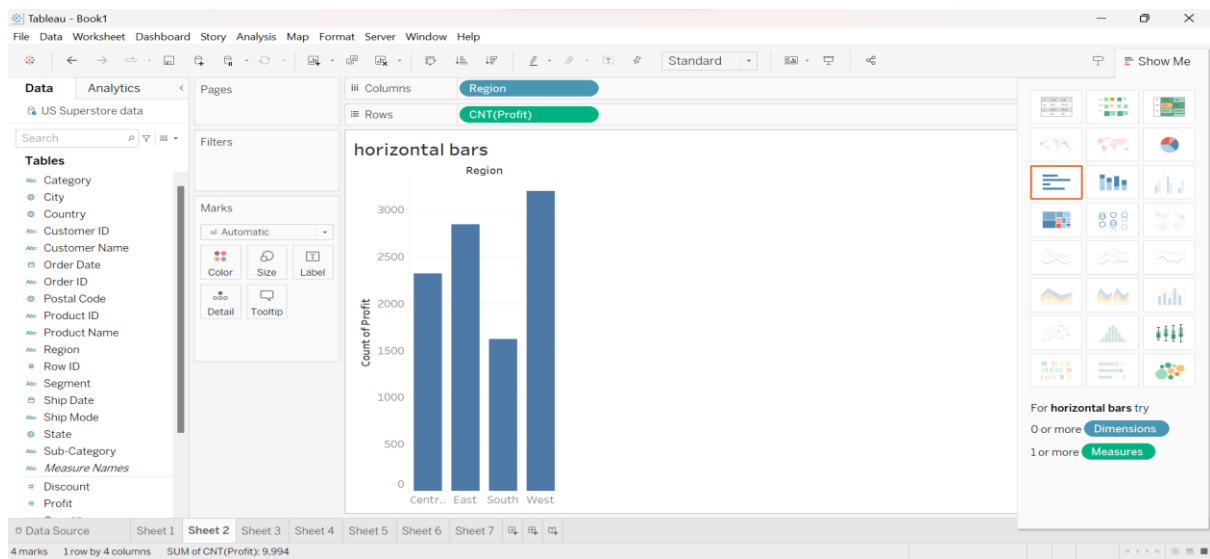
Measure filter: -



After filter: -

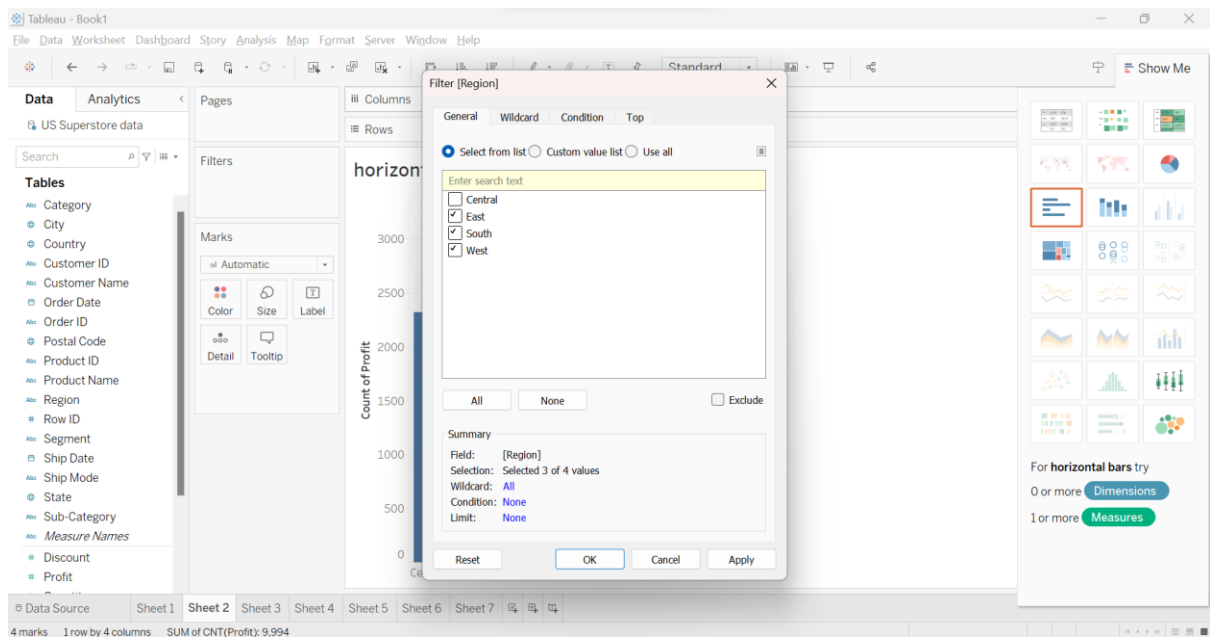


ii) Second visualization: -
Before filter; -

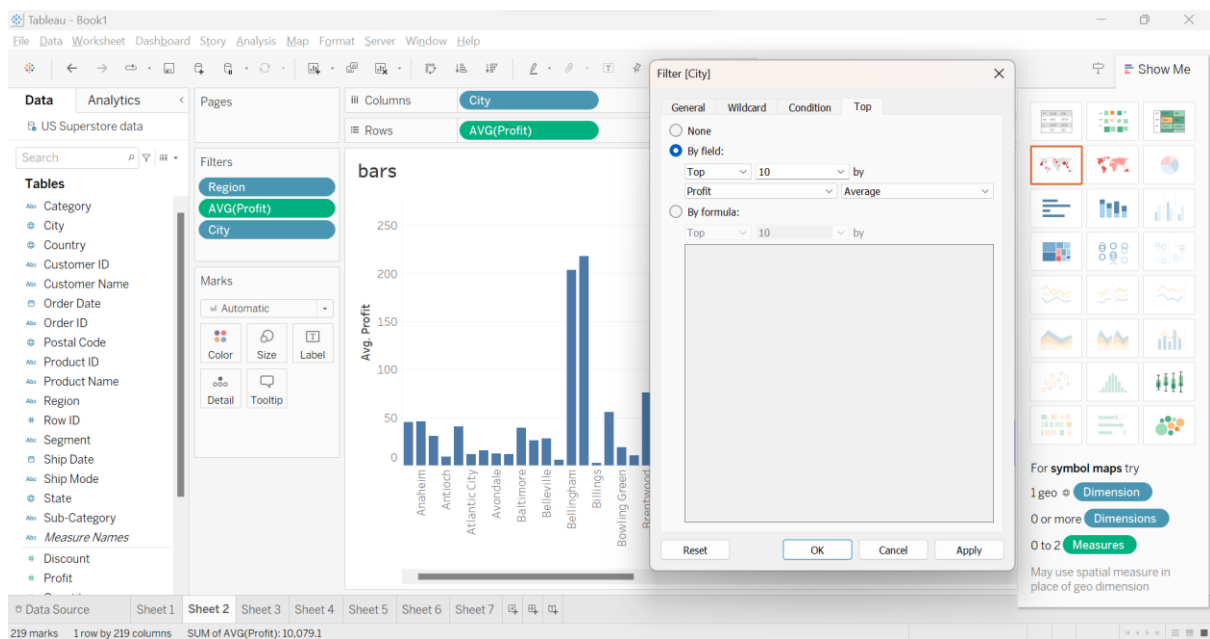


Filter: -

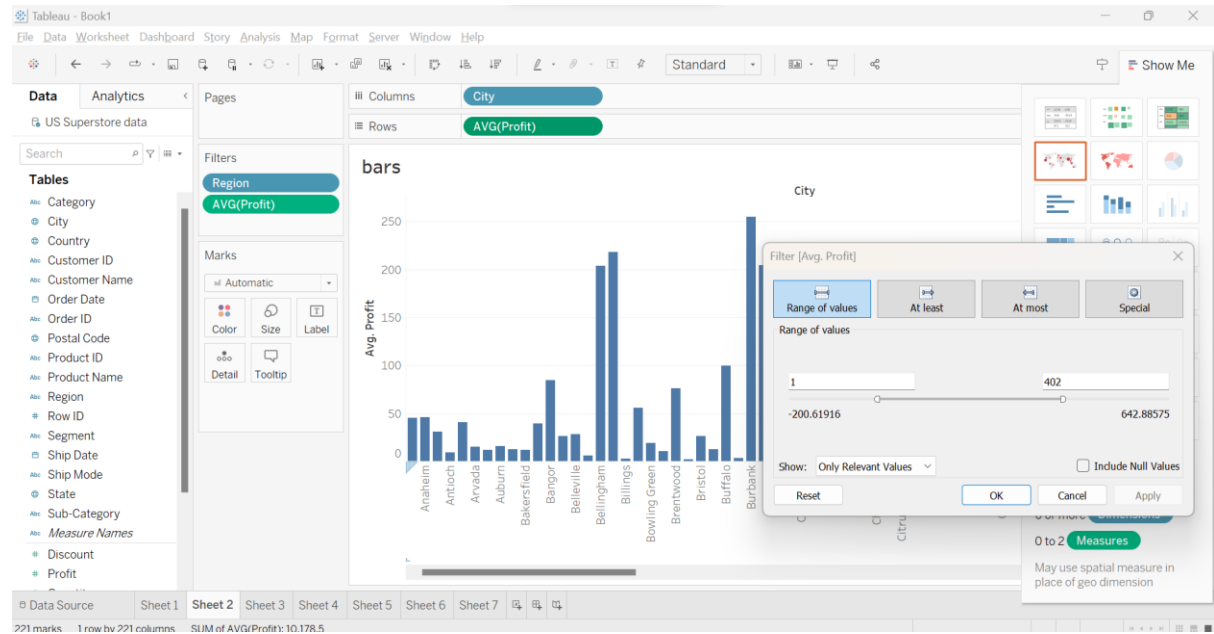
Dimension filter: -



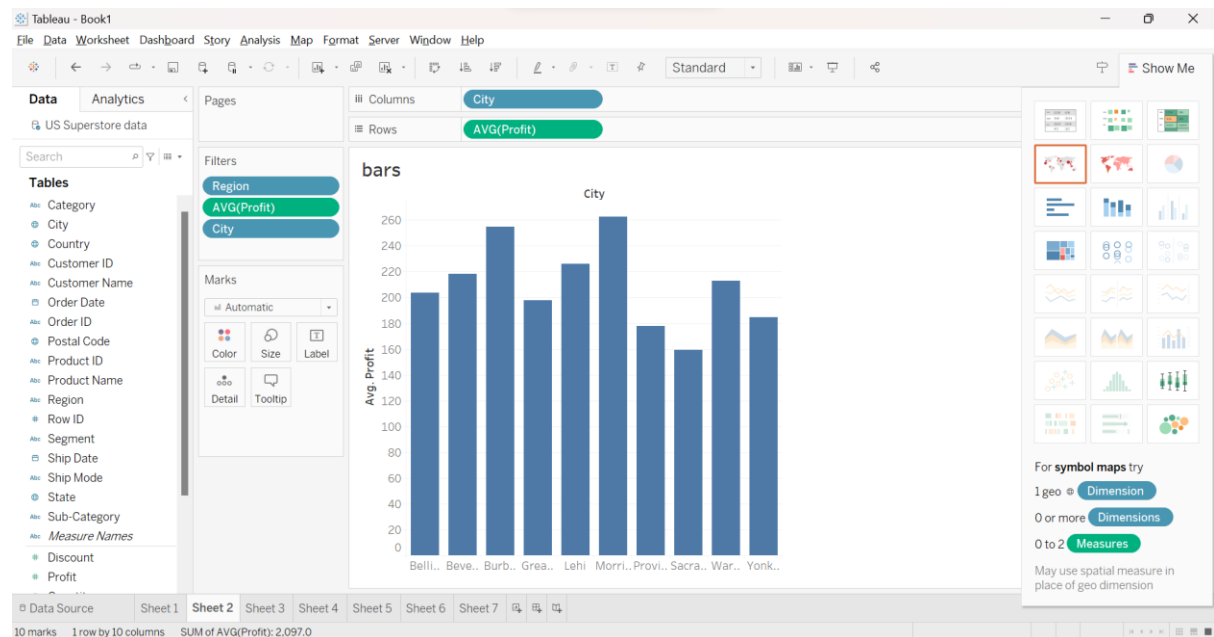
Context filter: -



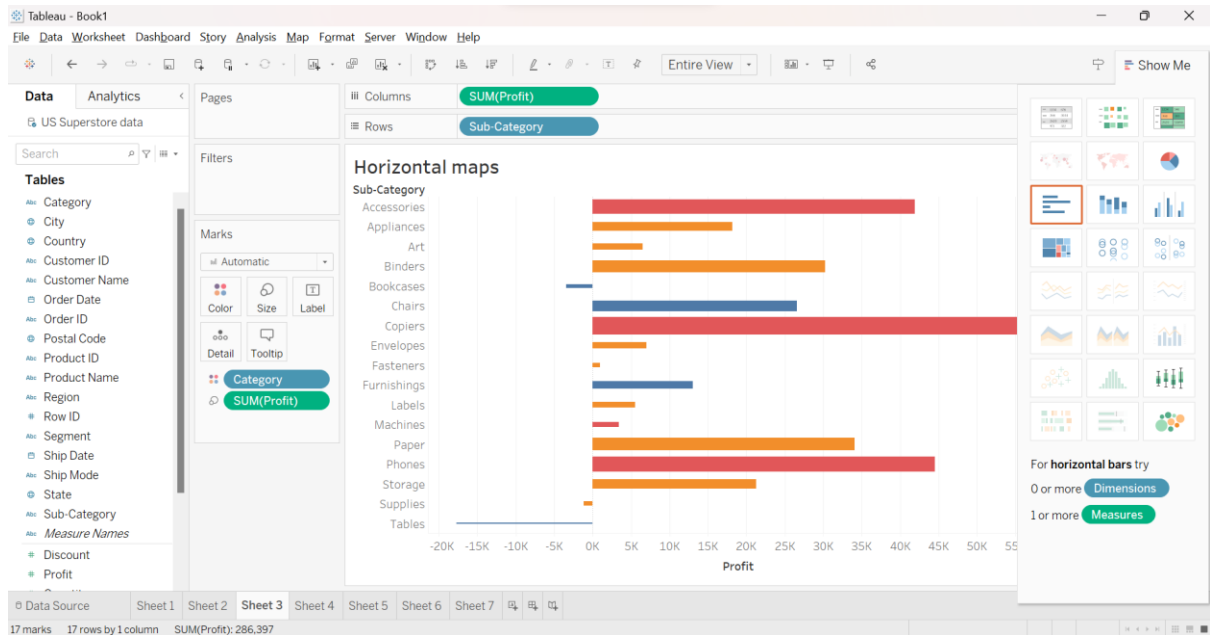
Measure filter: -



After filter: -

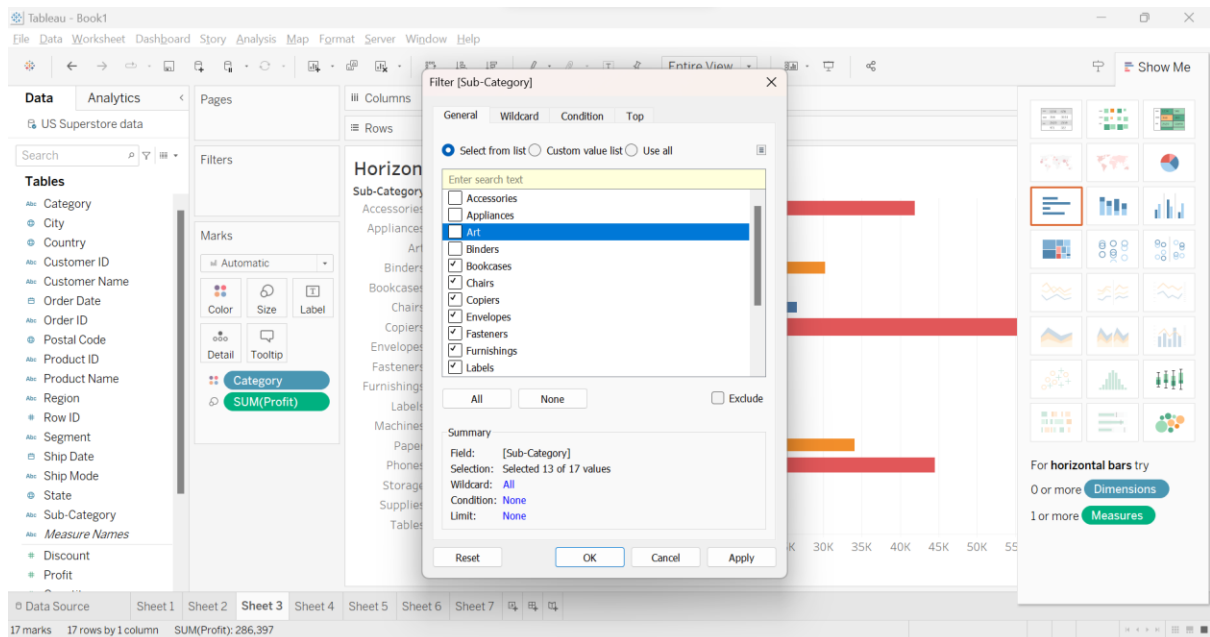


iii) Third visualization: -

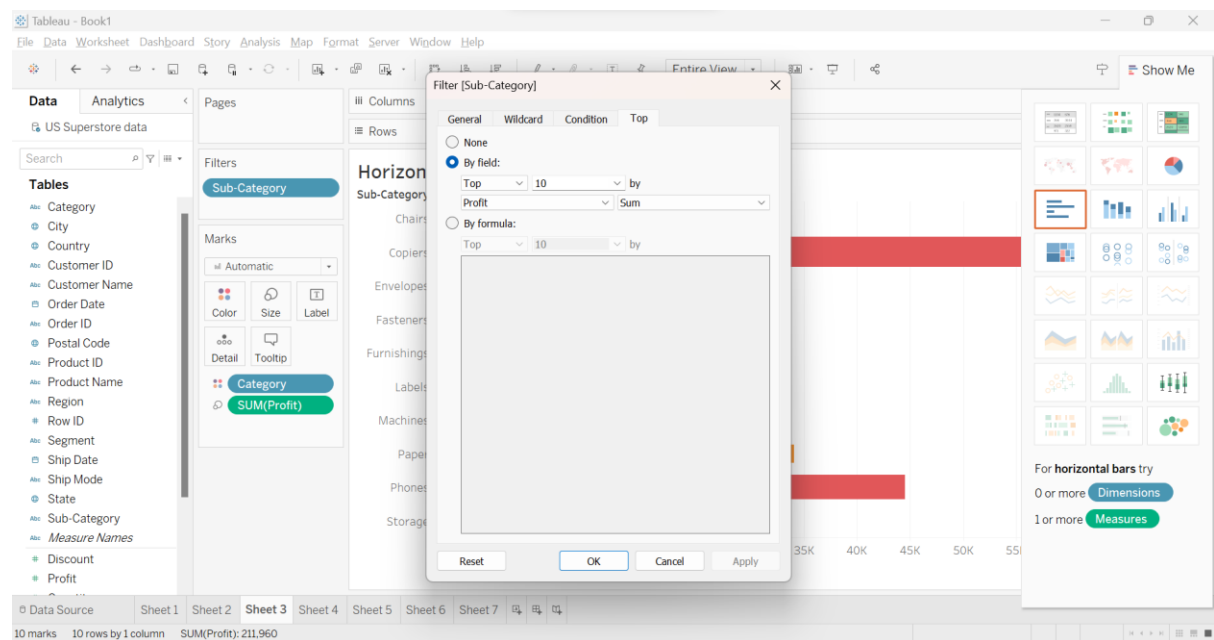


Filter: -

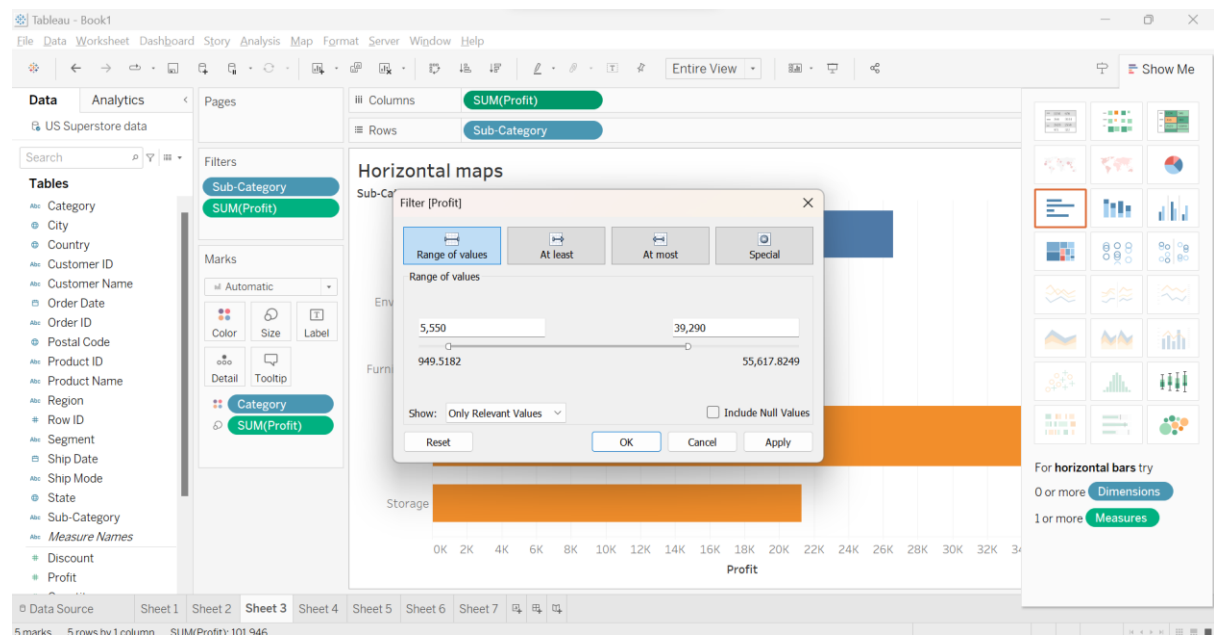
Dimension filter: -



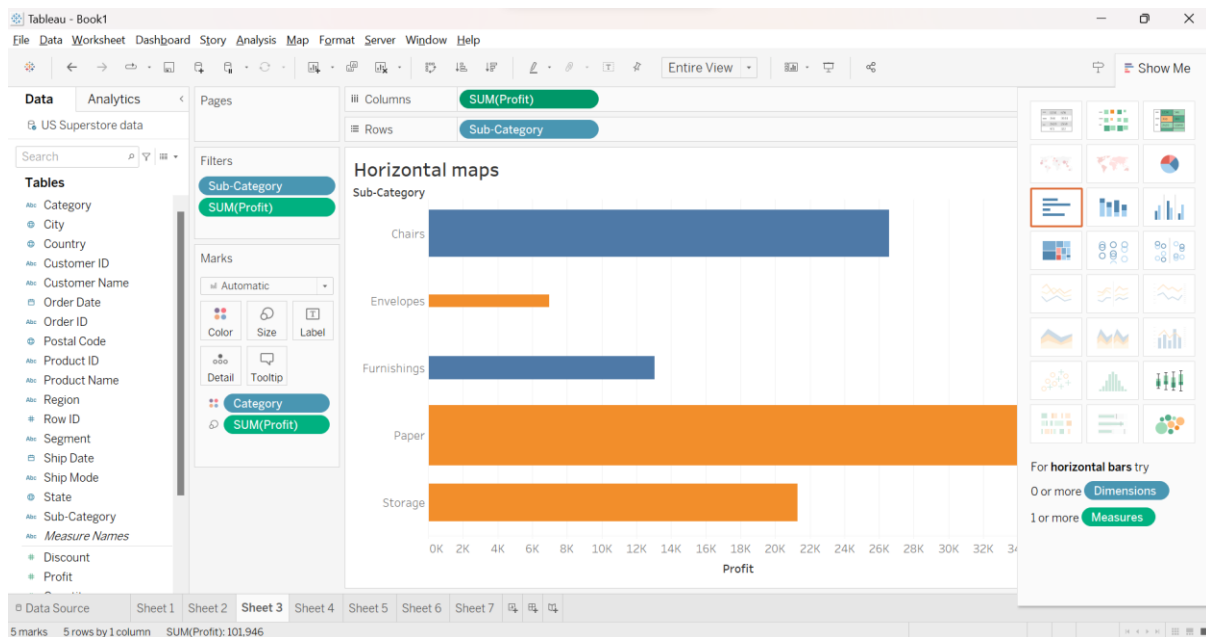
Context filter: -



Measure filter: -



After filter: -

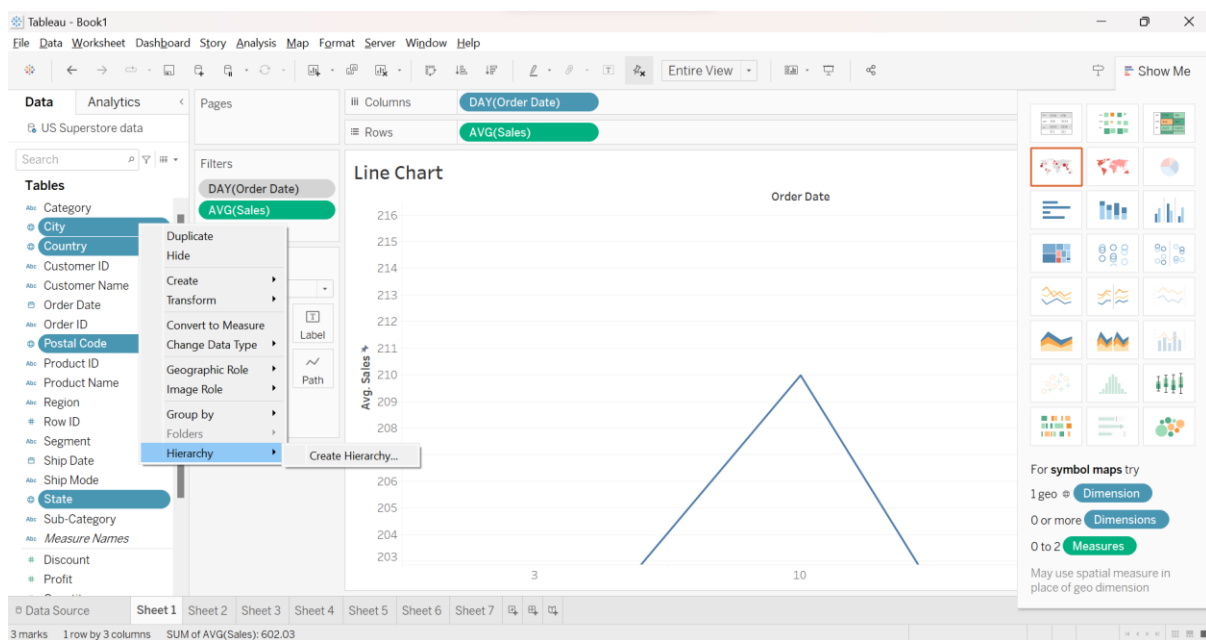


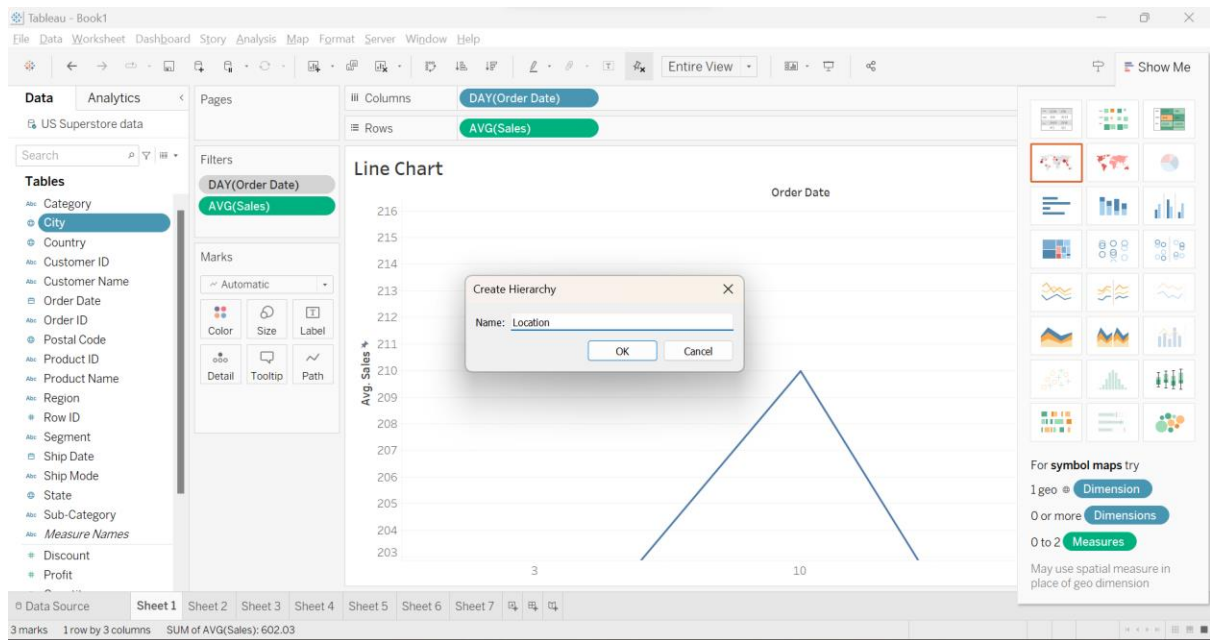
3) Perform the following data manipulations on your dataset

- create a Hierarchy
- create a set
- create a group


Screenshots: -

Create Hierarchy: -

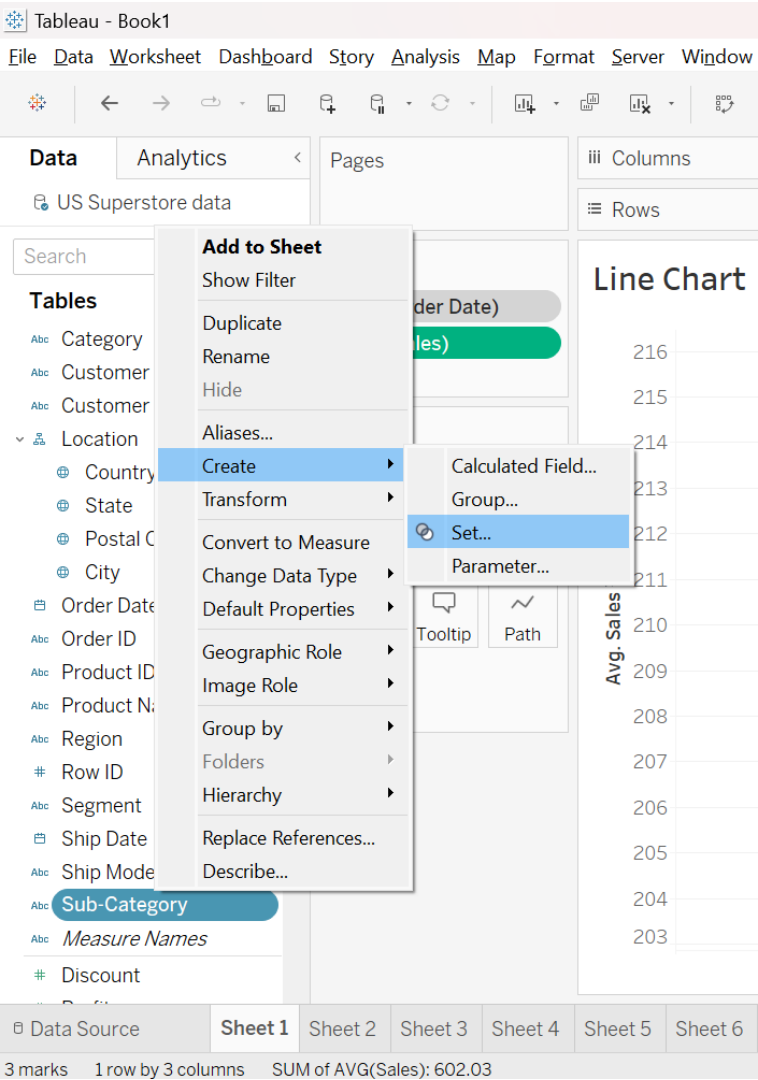




Hierarchy: -

- ▼  Location
 - ⊕ Country
 - ⊕ State
 - ⊕ Postal Code
 - ⊕ City

Create a set: -



Create set :-

Create Set

Name: Sub-Category Set

General Condition Top

☐ None

☒ By field:

Top 10 by

Sales Average

☐ By formula:

Top 10 by

Reset OK Cancel

Set created: -

Region

Row ID

Segment

Ship Date

Ship Mode

Sub-Category

Sub-Category Set

Measure Names

Create a group:-

The screenshot shows the Tableau interface with a line chart titled 'Line Chart'. The chart displays 'Avg. Sales' on the y-axis and 'DAY(Order Date)' on the x-axis. The data is grouped by 'Sub-Category'. A context menu is open over the 'Sub-Category' field in the data pane, showing options like 'Add to Sheet', '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 selected, and a sub-menu is open showing 'Calculated Field...', 'Group...', 'Set...', and 'Parameter...'. The 'Group...' option is highlighted.

Tableau - Book1

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Data Analytics Pages Columns Rows

US Superstore data DAY(Order Date) AVG(Sales)

Search

Tables

- Category
- Customer ID
- Customer Name
- Location
 - Country
 - State
 - Postal Code
 - City
- Order Date
- Order ID
- Product ID
- Product Name
- Region
- Row ID
- Segment
- Ship Date
- Ship Mode
- Sub-Category
- Sub-Category Set
- Measure Names

Line Chart

Avg. Sales

216

215

214

210

209

208

207

206

205

204

203

3

Path

Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7

3 marks 1 row by 3 columns SUM of AVG(Sales): 602.03

Create group : -

Edit Group [Sub-Category (group)]

Field Name: Sub-Category (group)

Groups: Add to: ▼

- Appliances
- Art
- Binders
- Bookcases
- Chairs
- Copiers
- Envelopes
- Fasteners
- Furnishings
- Labels
- Machines

☒ Show Add Location

☐ Include 'Other'

Group created:-

- Abc Ship Mode
- Abc Sub-Category
- Sub-Category (group)**
- Sub-Category Set
- Abc Measure Names