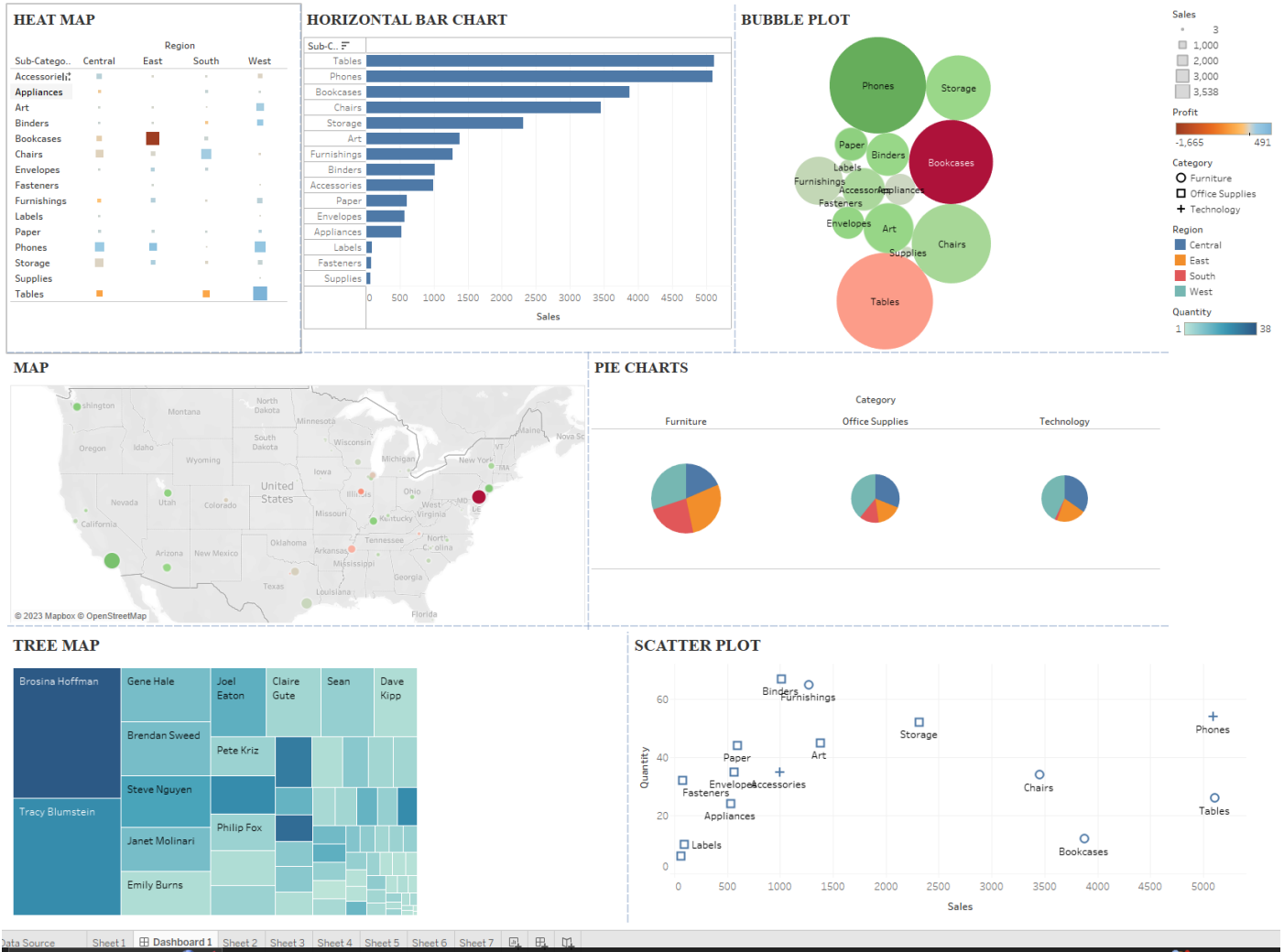


# ASSIGNMENT – II

IMMANI SAI BHARGAV  
20BIT0027

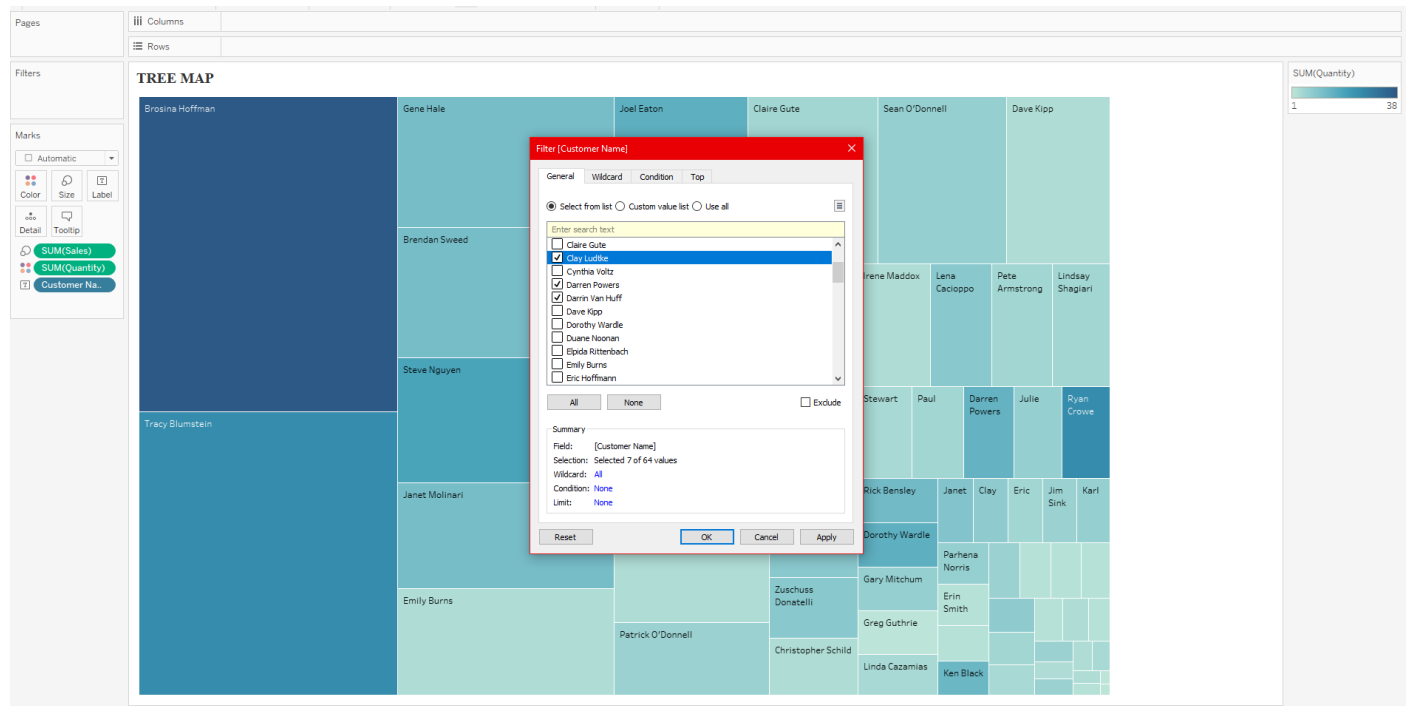
## 1) Create any 7 data visualizations/charts



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

### Dimension Filter:

#### Before Filtering:



Filter [Customer Name]

General Wildcard Condition Top

☒ Select from list ☐ Custom value list ☐ Use all

Enter search text

- ☒ Alan Dominguez
- ☒ Alejandro Grove
- ☒ Andrew Allen
- ☐ Brendan Sweed
- ☐ Brosina Hoffman
- ☒ Christopher Schild
- ☐ Claire Gute
- ☒ Clay Ludtke
- ☐ Cynthia Voltz
- ☒ Darren Powers
- ☒ Darrin Van Huff

All None ☐ Exclude

Summary

Field: [Customer Name]  
Selection: Selected 7 of 64 values  
Wildcard: All  
Condition: None  
Limit: None

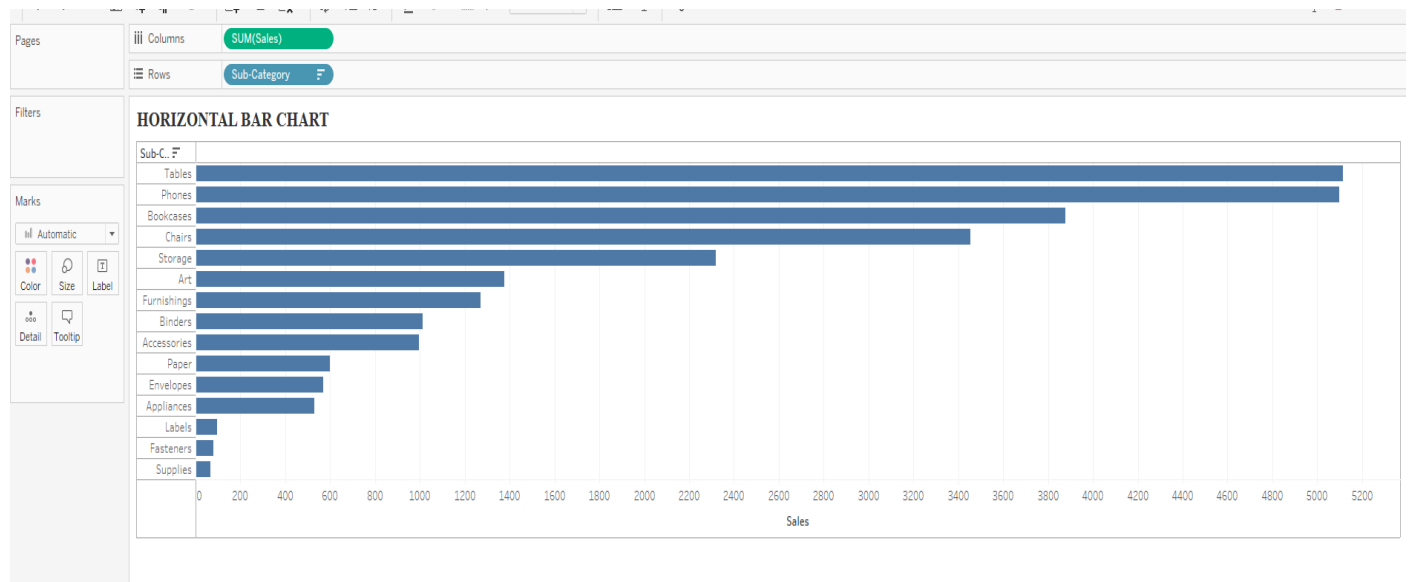
Reset OK Cancel Apply

## After Filtering:

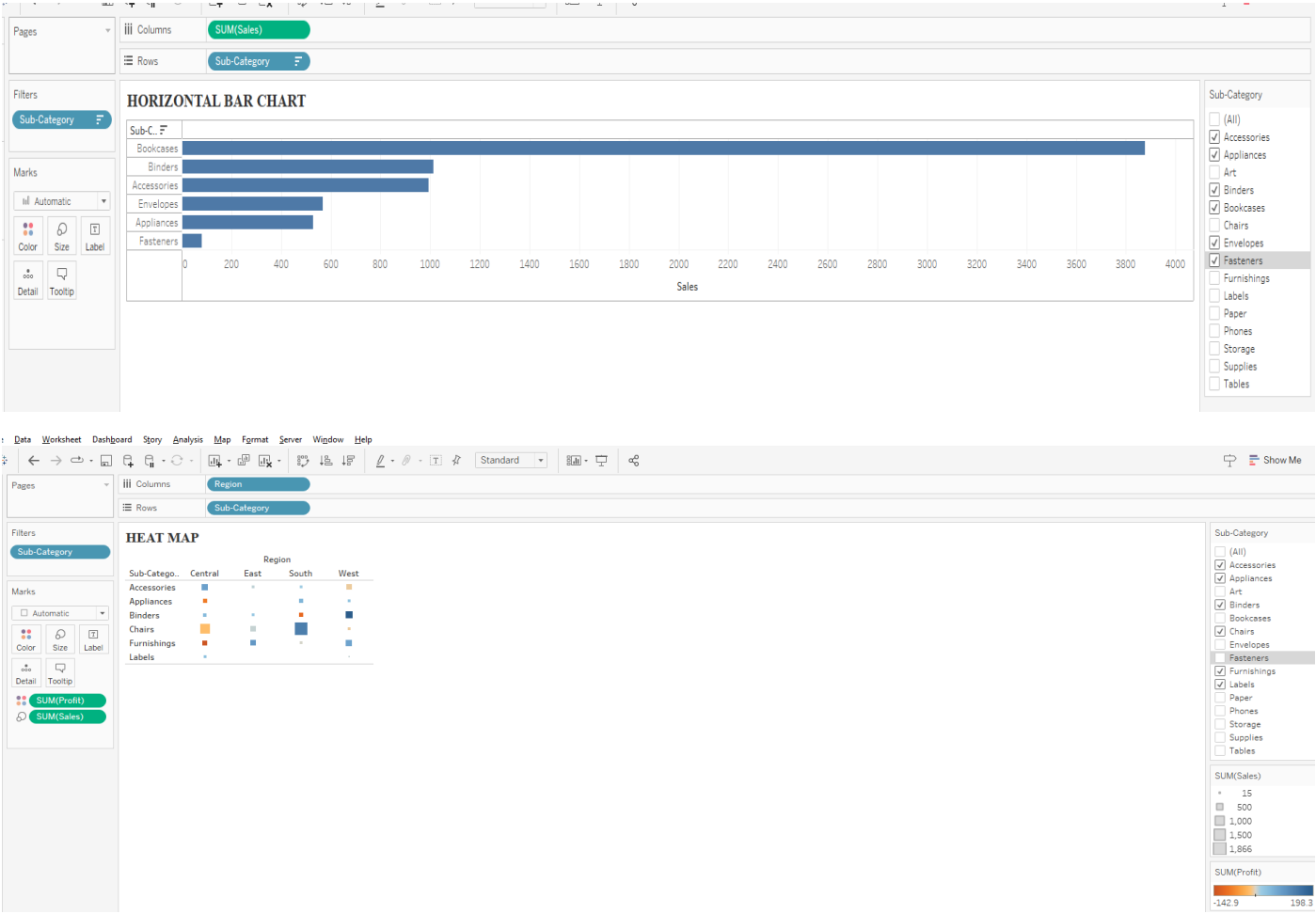


## Similarly, for Bar-chart of Sub-Categories

## Before Filtering:

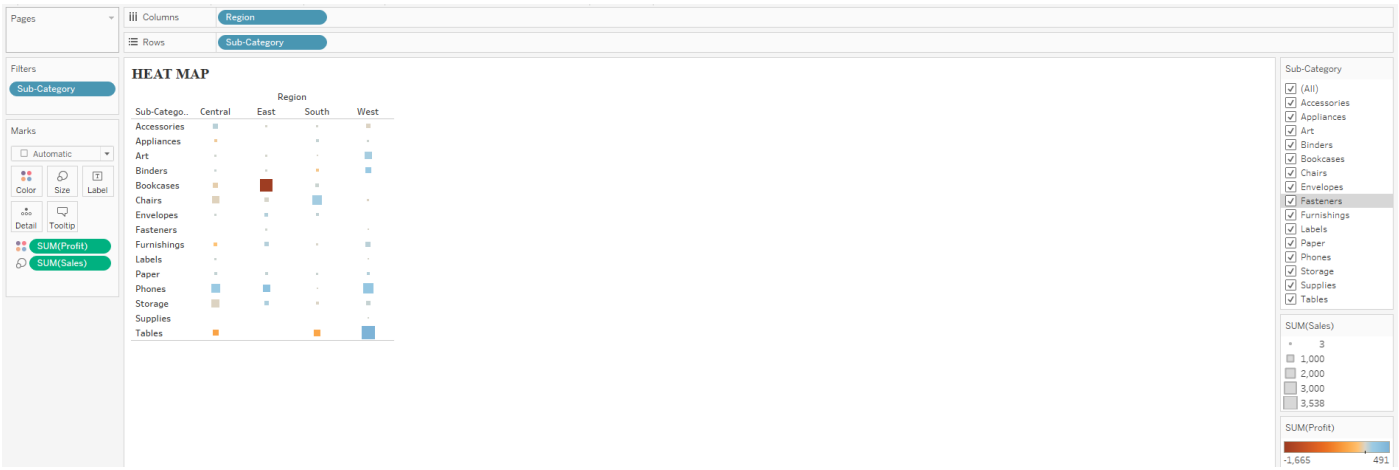


After Filtering:

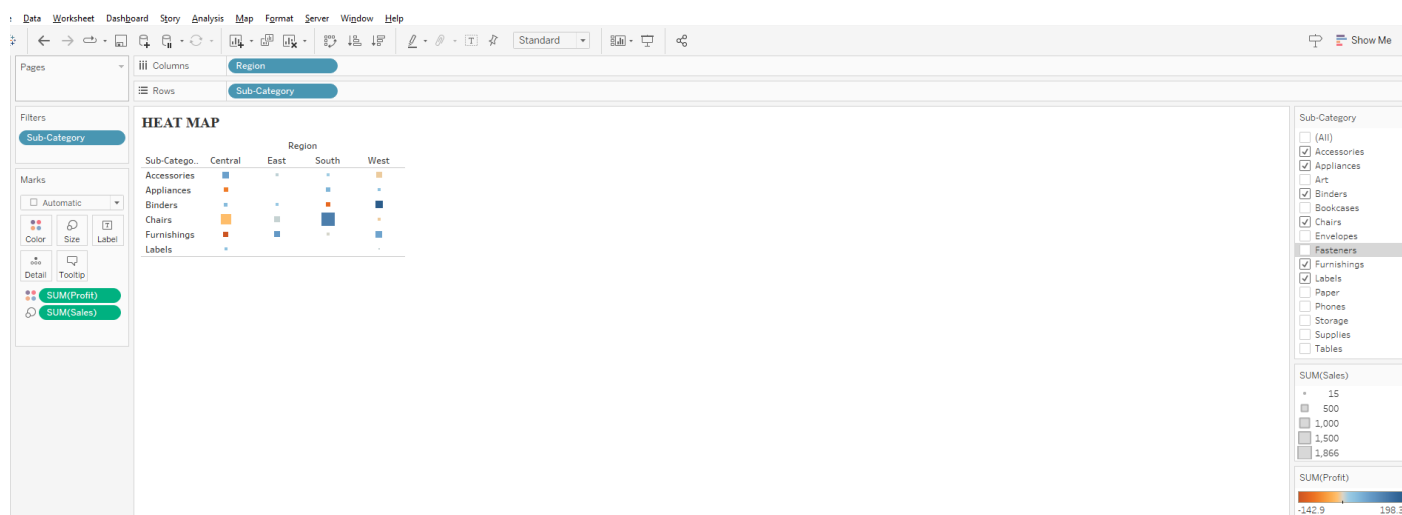


Heat Map of Sub-Categories

Before Filtering:

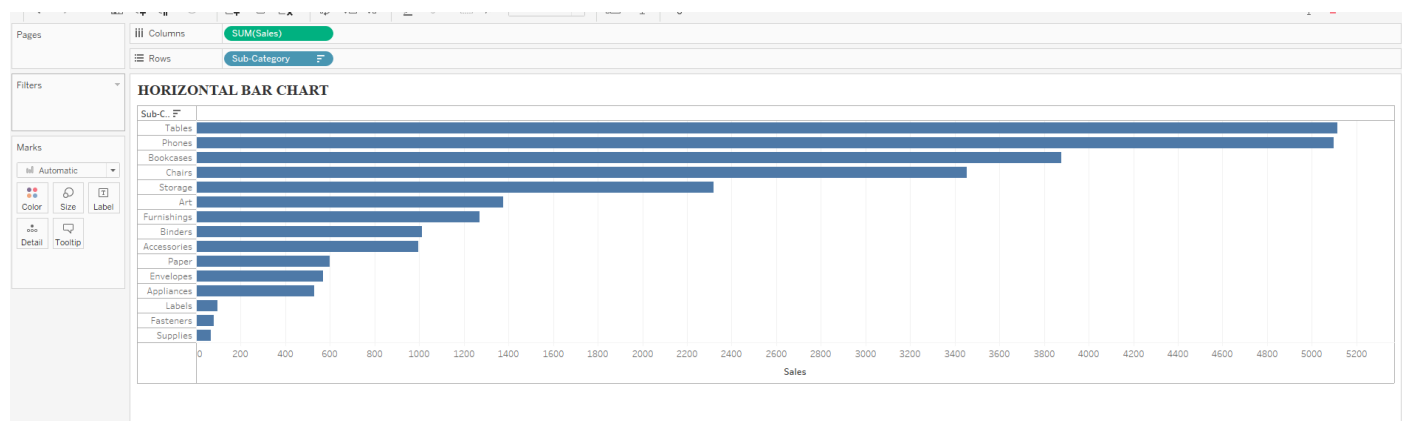


## After Filtering:



## Context Filter:

## Before Filtering:



### Filter [Sub-Category]

General Wildcard Condition Top

☐ None

☒ By field:

Top 10 by Sales Sum

☐ By formula:

Top 10 by

Reset OK Cancel Apply

### Filter [Category]

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]

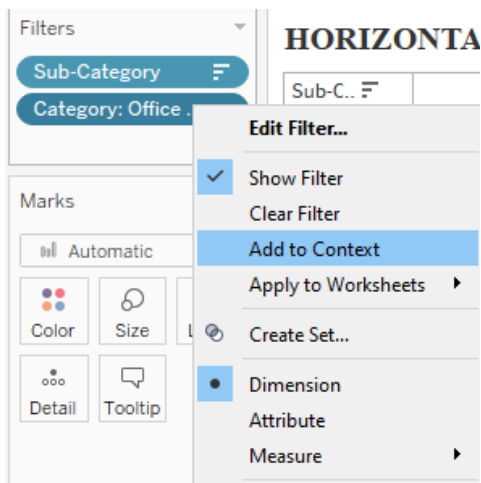
Selection: Selected 1 of 3 values

Wildcard: All

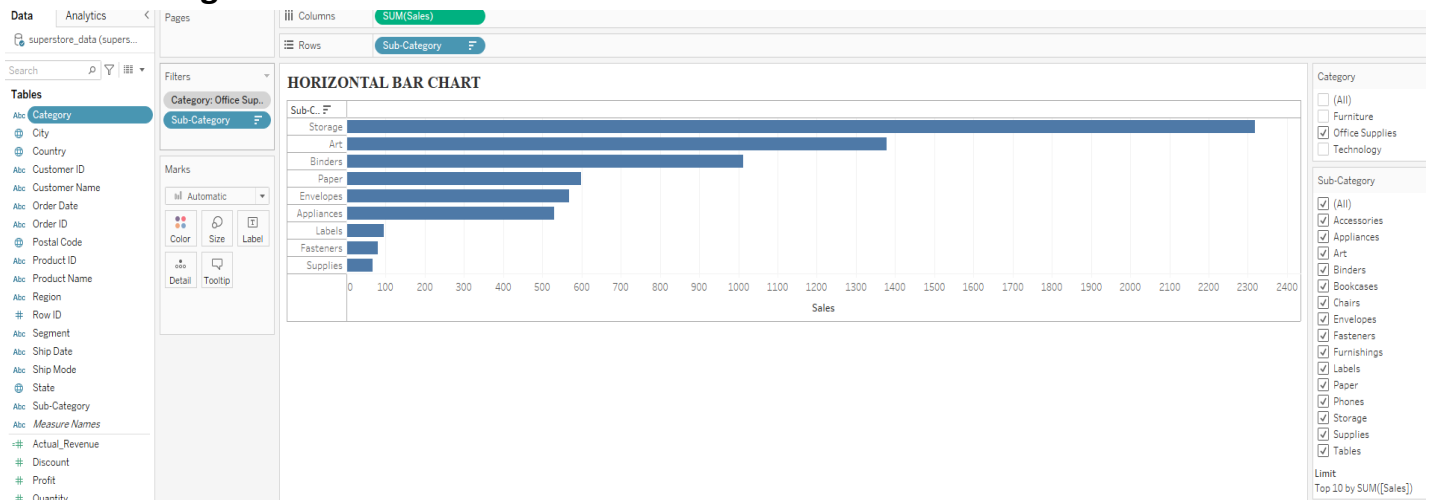
Condition: None

Limit: None

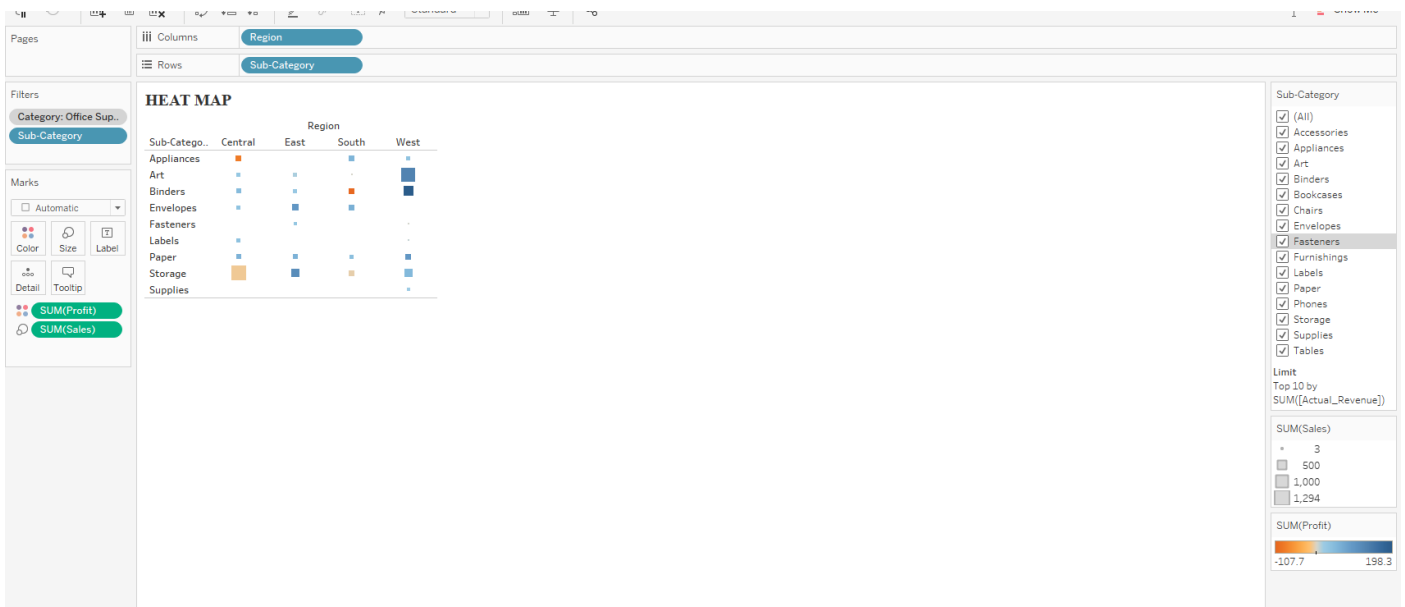
Reset OK Cancel Apply



## After Filtering:



## Heat Map

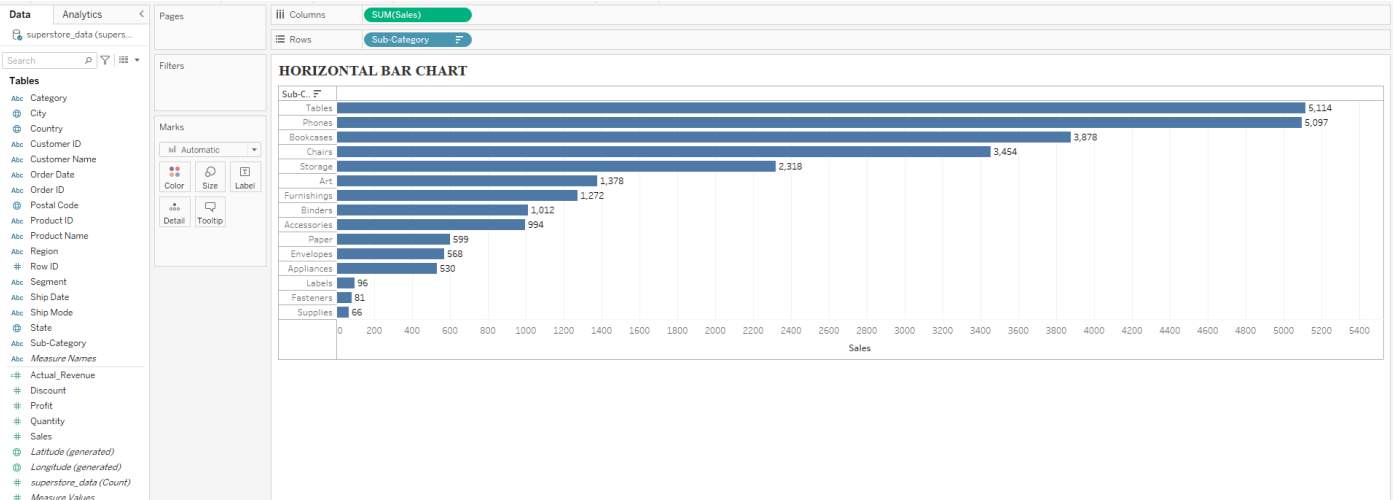


## Scatter Plot



Measure Filter:

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

Filter [Sales]

Range of values

At least

At most

Special

Range of values

200

4,000

65.88

5,113.6215

Show: Only Relevant Values

Include Null Values

Reset

OK

Cancel

Apply

## After Filtering:

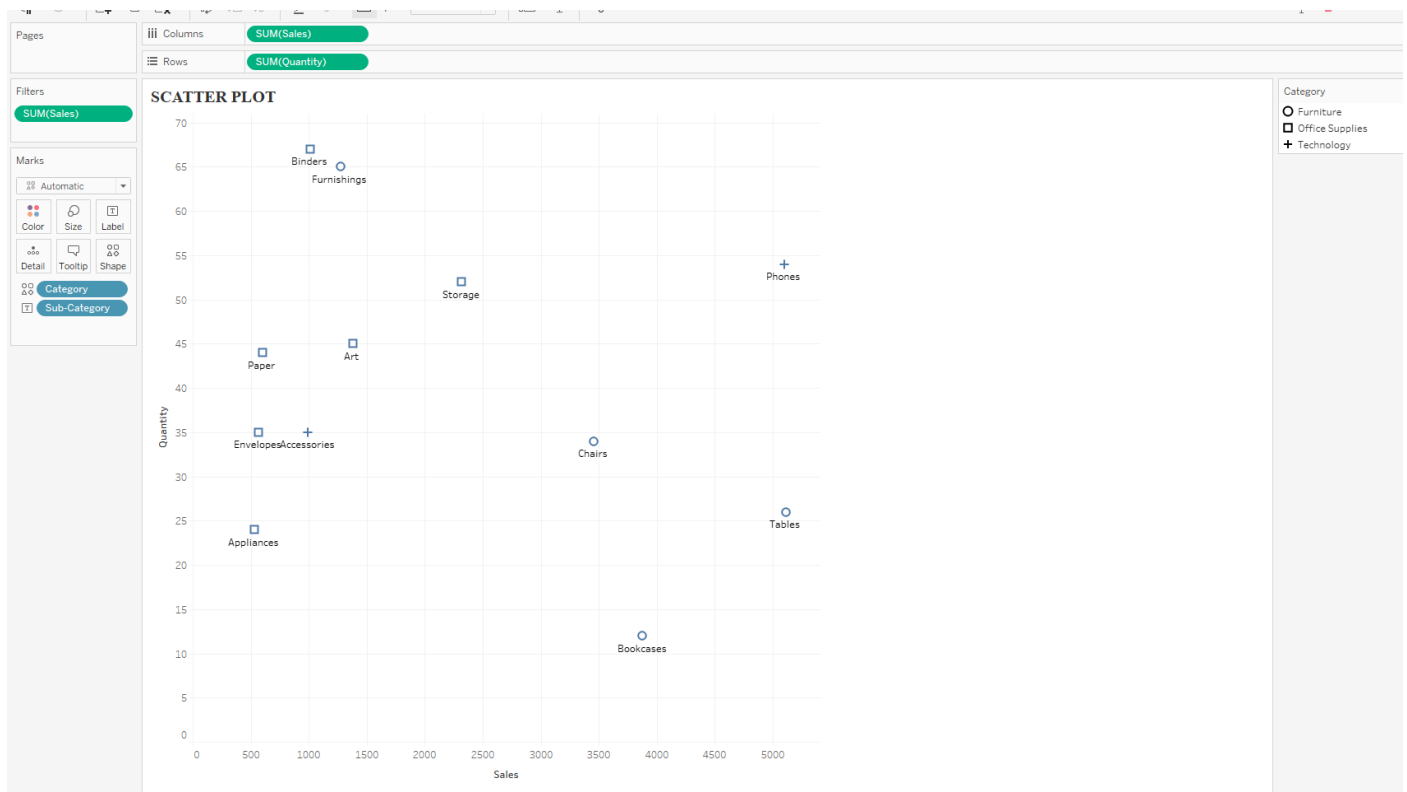
Sub-Category	Sales
Bookcases	3,878
Chairs	3,454
Storage	2,318
Furnishings	1,378
Binders	1,272
Accessories	1,012
Paper	994
Envelopes	599
Appliances	568

## Heat Map

Sub-Category	Central	East	South	West
Accessories	Low	Low	Low	High
Appliances	Low	Low	Low	Low
Art	Low	Low	Low	Low
Binders	Low	Low	Low	Low
Bookcases	Low	Low	Low	Low
Chairs	Low	Low	Low	Low
Envelopes	Low	Low	Low	Low
Fasteners	Low	Low	Low	Low
Furnishings	Low	Low	Low	Low
Labels	Low	Low	Low	Low
Paper	Low	Low	Low	Low
Phones	Low	Low	Low	Low
Storage	Low	Low	Low	Low
Supplies	Low	Low	Low	Low

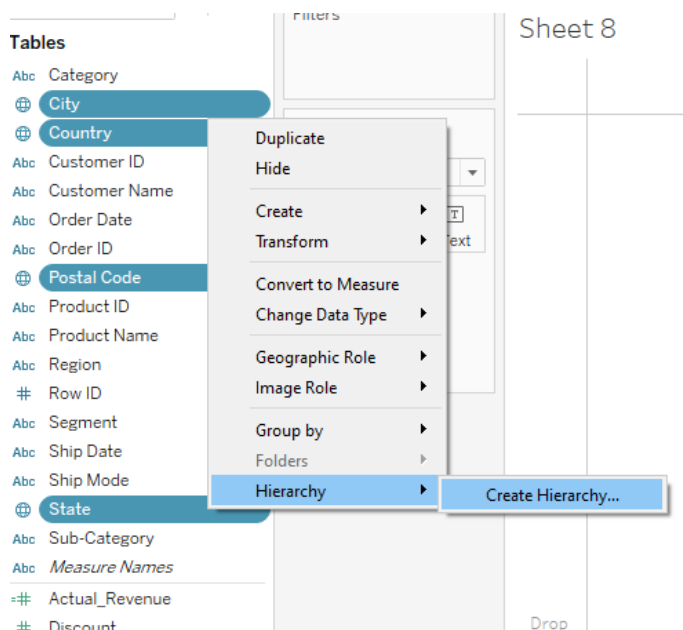


## Scatter Plot



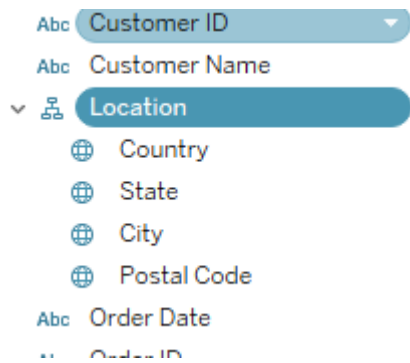
### 3) Perform the following data manipulations on your dataset

- create a Hierarchy

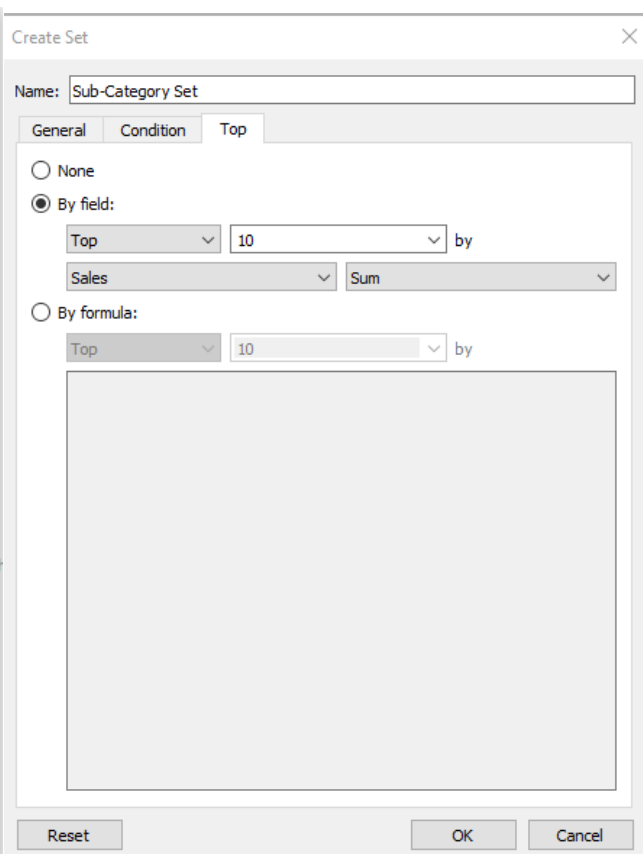
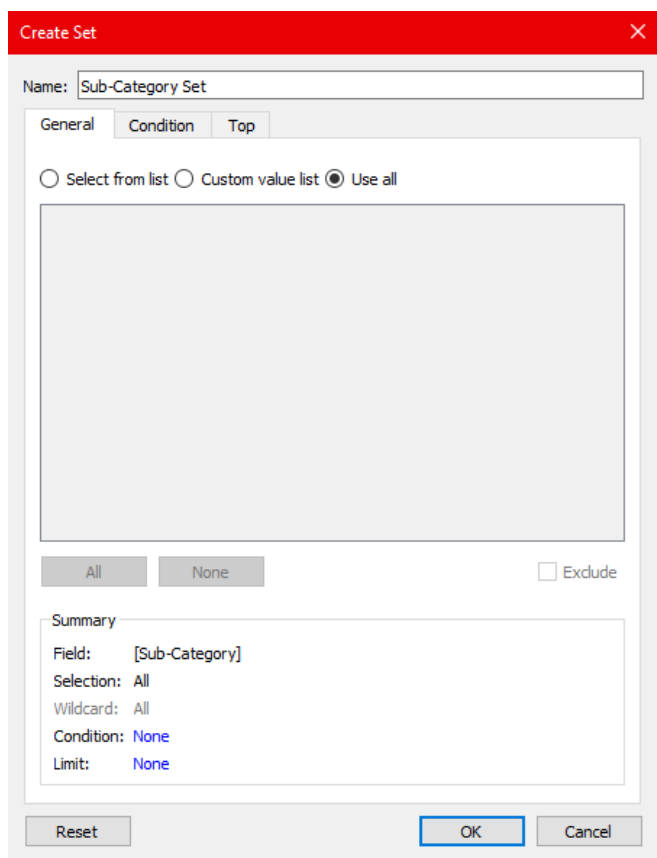
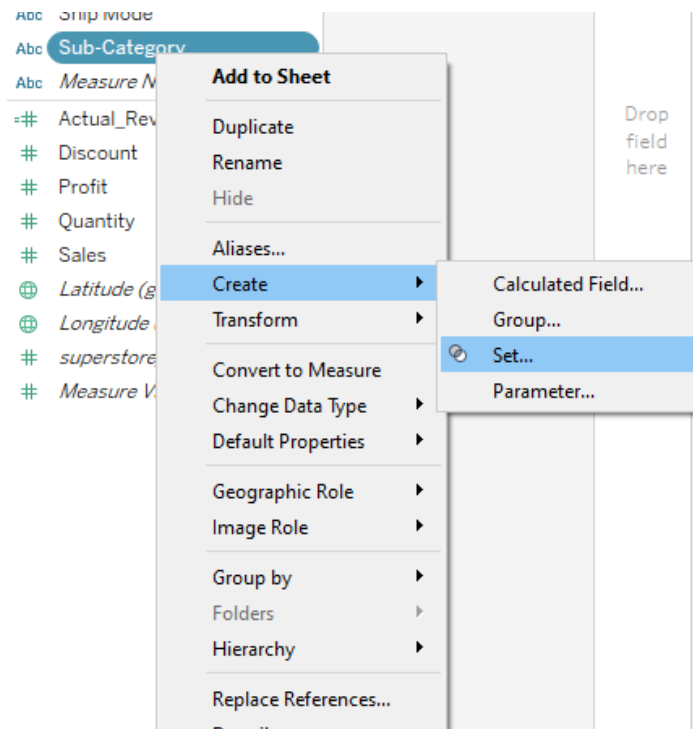


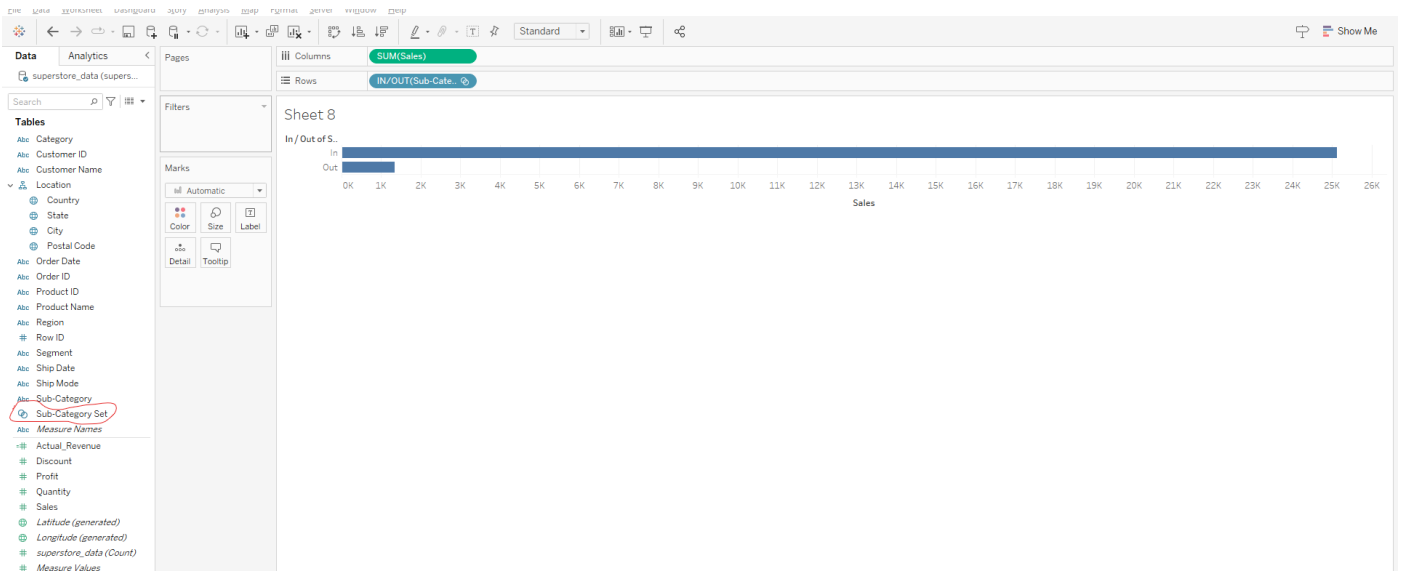
**Create Hierarchy** [X]

Name:

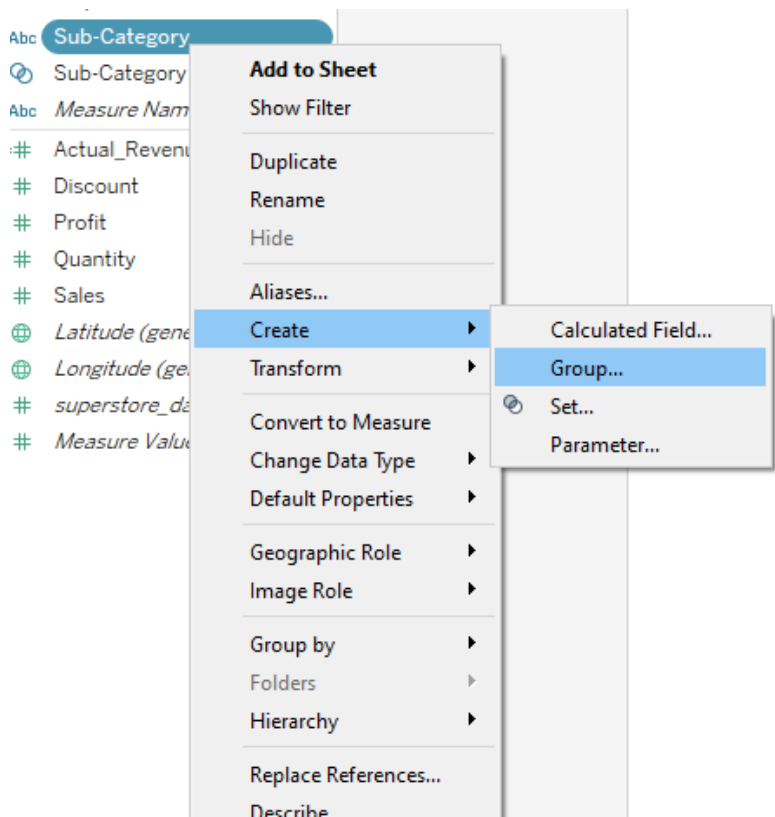


## ● create a set





● create a group



Edit Group [Sub-Category\_Group] ✕

Field Name:

Groups:

- Accessories
- Appliances
- Art
- Binders
- ▼ Bookcases, Chairs, Furnishings and 1 more
  - Bookcases
  - Chairs
  - Furnishings
  - Tables
- Envelopes
- Fasteners
- Labels
- Paper
- Phones
- Storage

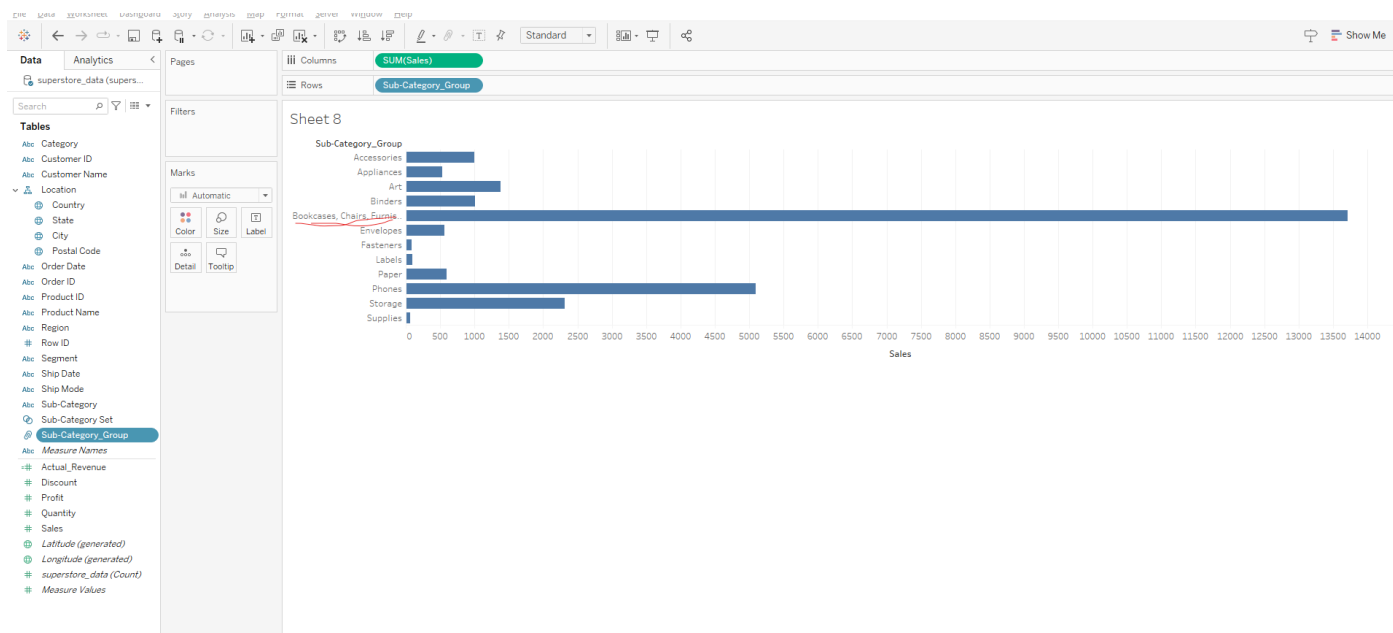
☒ Show Add Location

☐ Include 'Other'

Sub-Category Set

Sub-Category\_Group

Measure Names



Google Drive link: [https://drive.google.com/drive/folders/1RE\\_Dyz9TFmNnCsfa\\_DUQW-7tbK2K1GdI?usp=sharing](https://drive.google.com/drive/folders/1RE_Dyz9TFmNnCsfa_DUQW-7tbK2K1GdI?usp=sharing)