

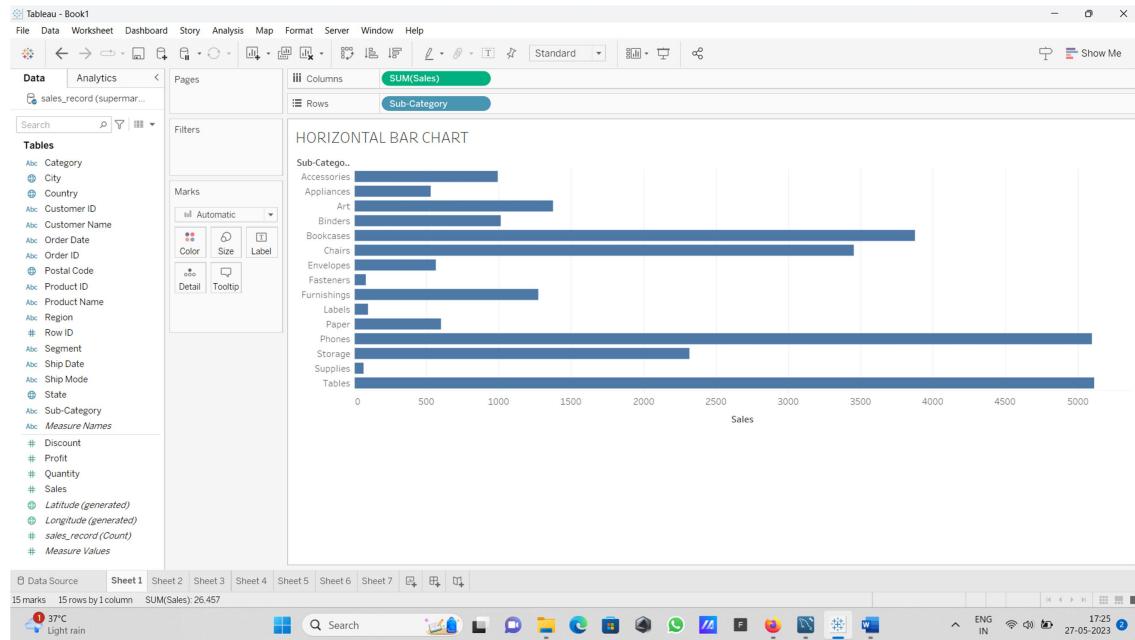
NAME: BHAVANI I

REG NO: 20BDS0366

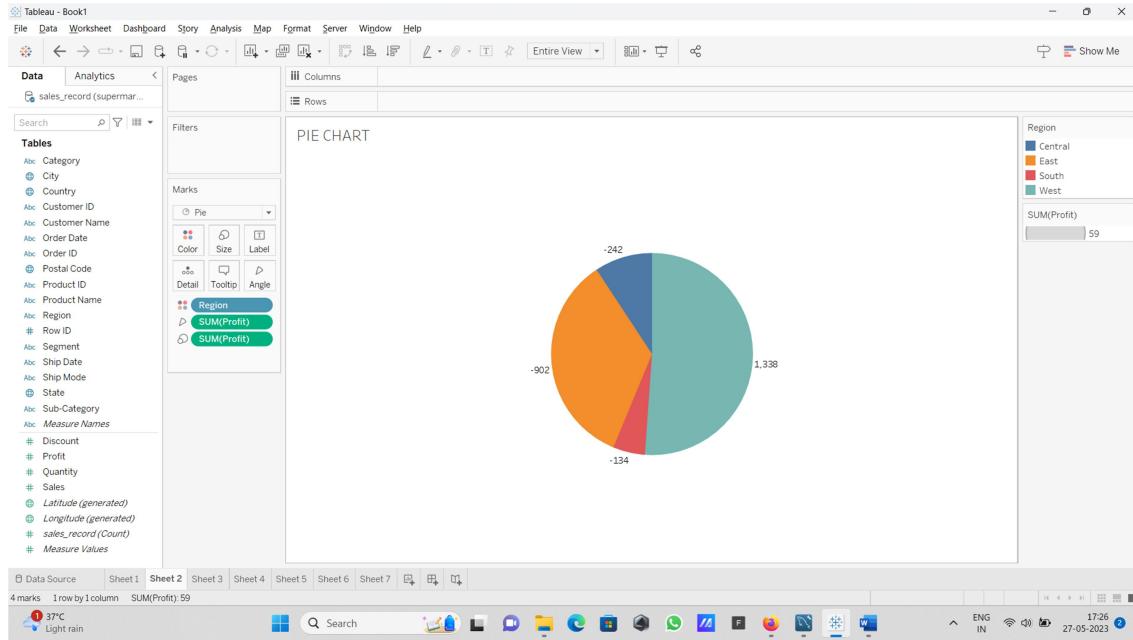
ASSIGNMENT – 2

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

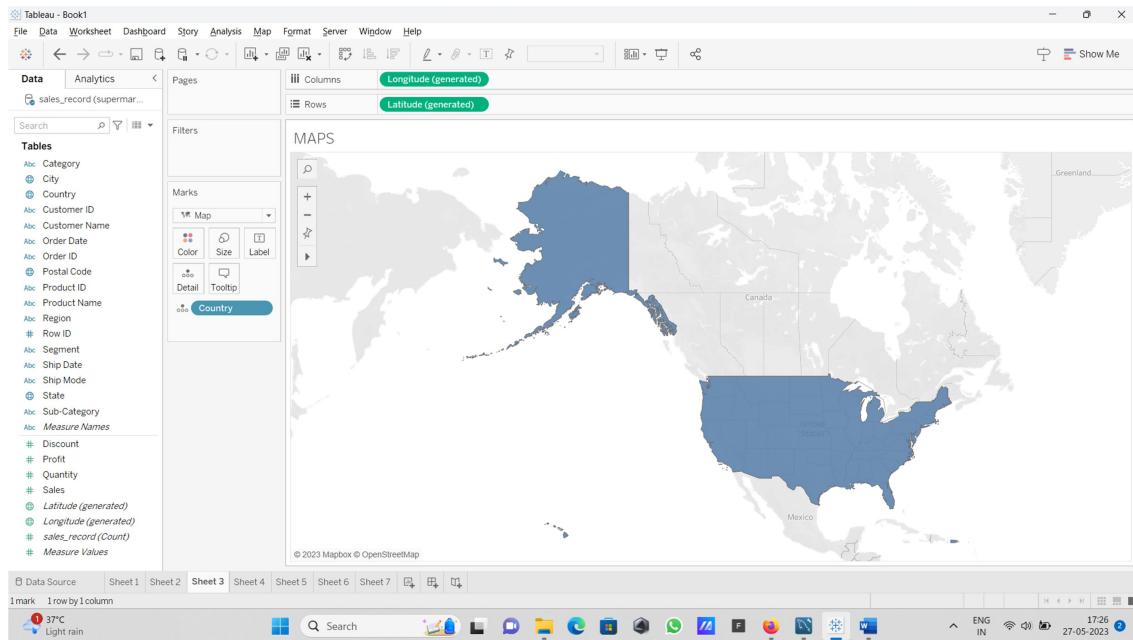
➤ HORIZONTAL BAR CHART



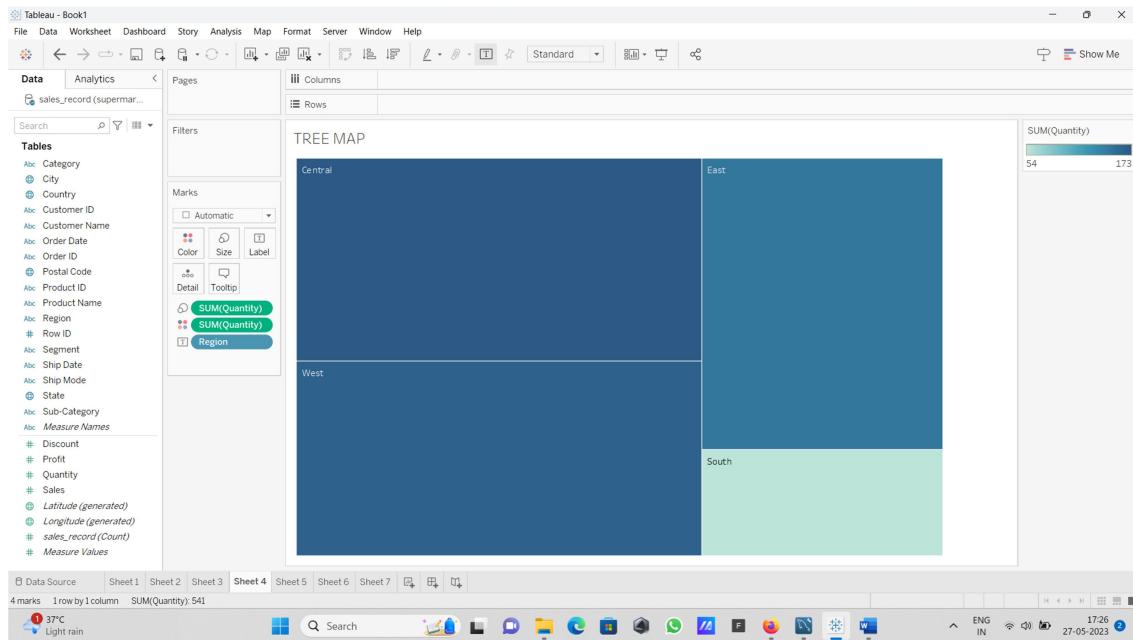
➤ PIE CHART



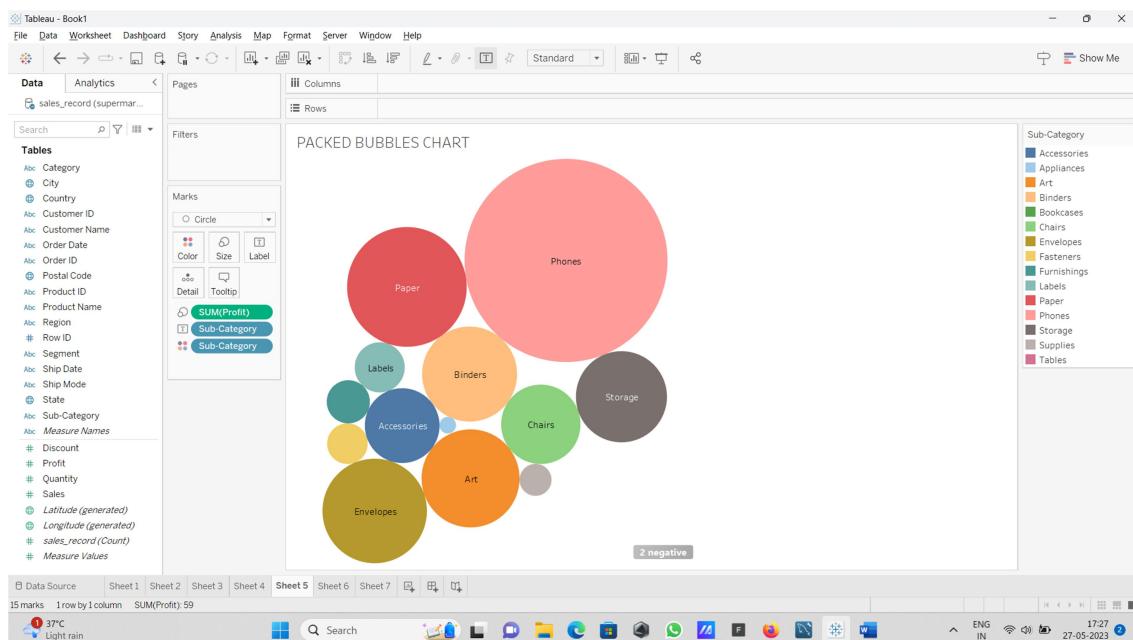
➤ MAPS



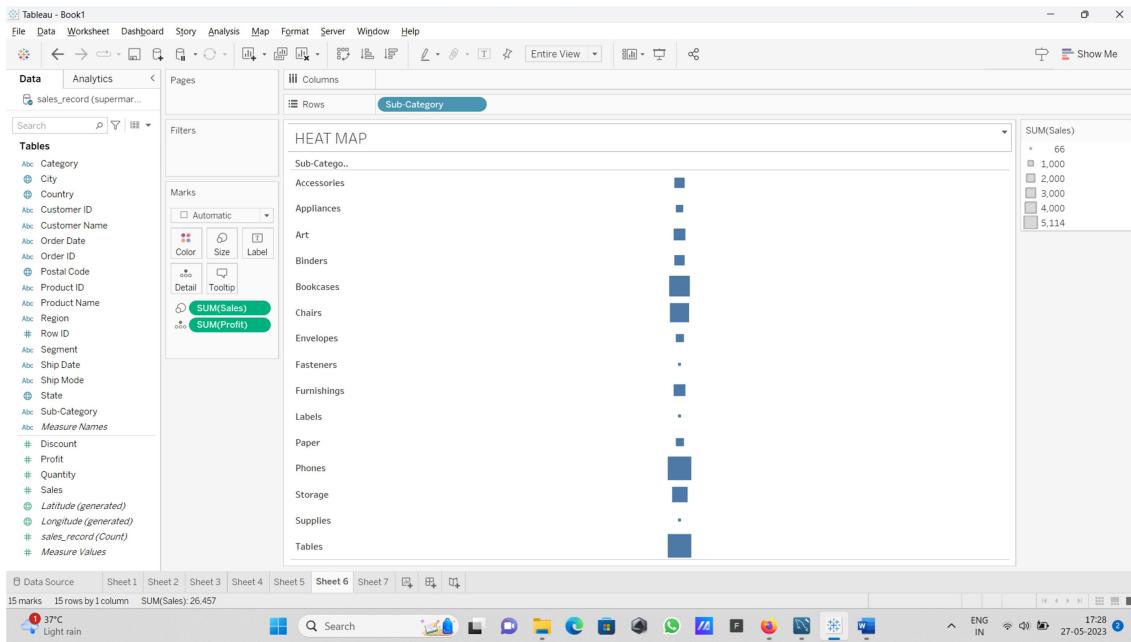
➤ TREE MAP



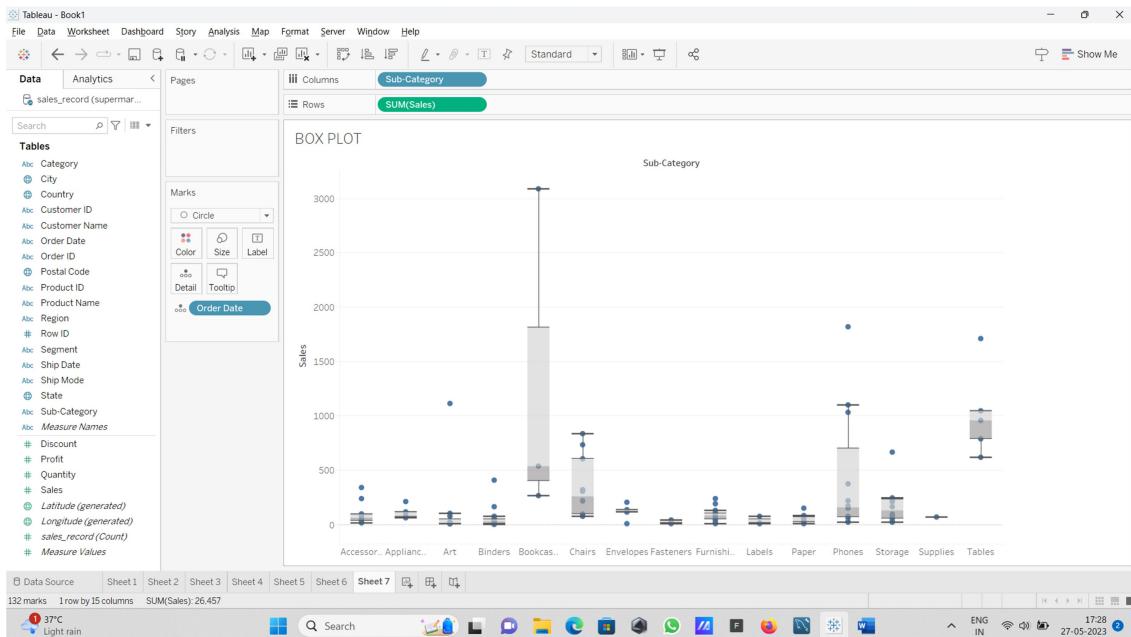
➤ PACKED BUBBLE CHART



➤ HEAT MAP



➤ BOX PLOT



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

➤ DIMENSION FILTER

The screenshot shows a Tableau visualization with a bar chart. The chart has a single dimension on the X-axis labeled 'Sub-Category' with values 500, 1000, and 1500. The bars are blue. A context menu is open over the first bar (500). The menu path 'Sub-Category' → 'Filter...' is highlighted. The menu options include:

- Show Filter
- Show Highlighter
- Apply to Worksheets
- Sort...
- Format...
- Show Header
- Include in Tooltip
- Edit Aliases...
- Dimension
- Attribute
- Measure
- Edit in Shelf**
- Remove

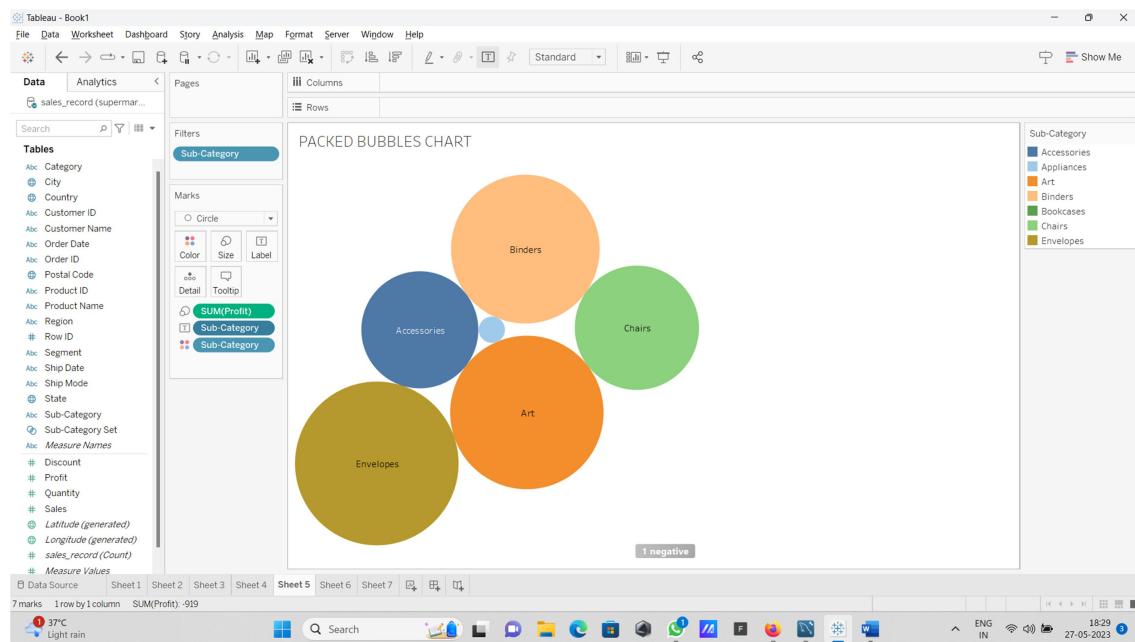
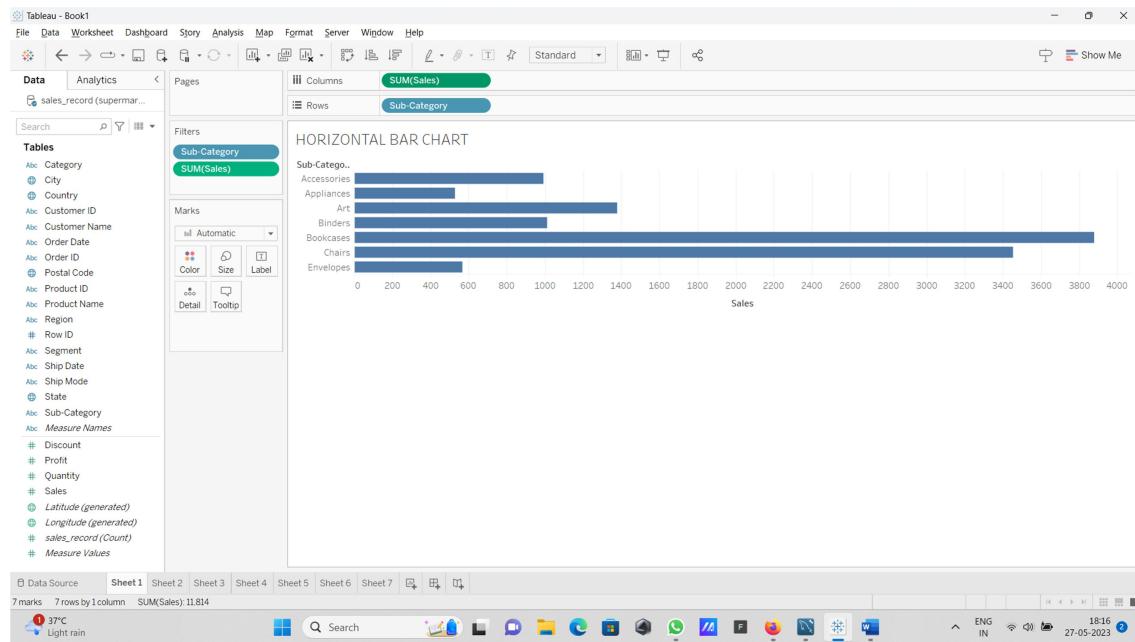
A secondary filter dialog is open at the bottom, titled 'Filter [Sub-Category]'. It has tabs for General, Wildcard, Condition, and Top. The General tab is selected, showing the radio button 'Select from list' is checked. Below it is a list of sub-categories with checkboxes:

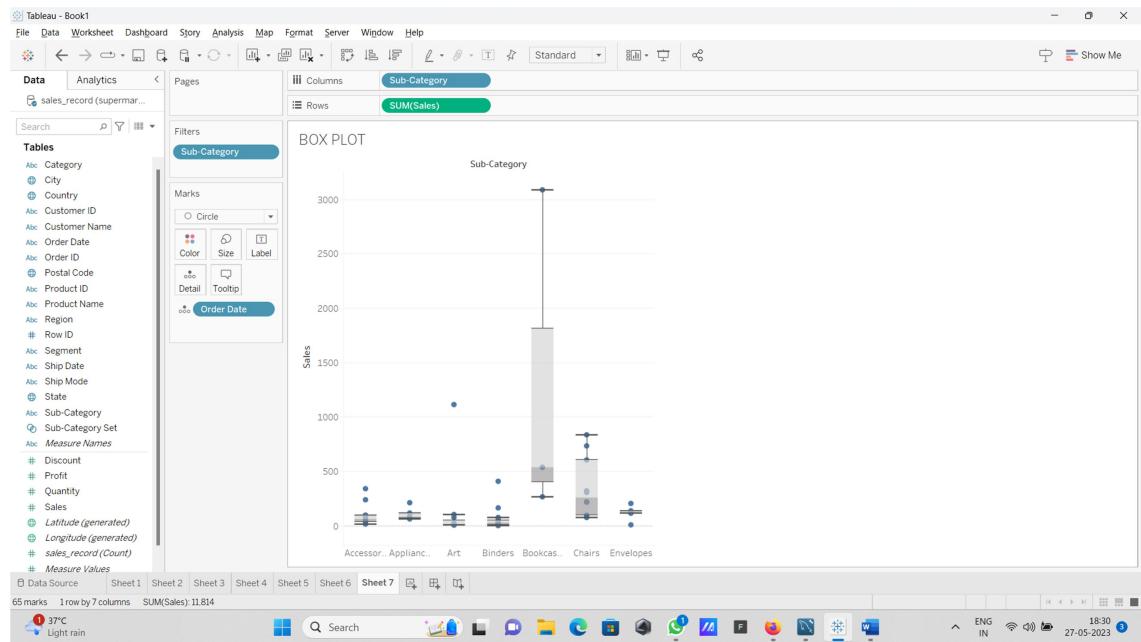
- Accessories
- Appliances
- Art
- Binders
- Bookcases
- Chairs
- Envelopes
- Fasteners
- Furnishings
- Labels
- Paper

Buttons at the bottom of the dialog include All, None, and Exclude. A Summary section at the bottom provides details about the filter settings:

Field:	[Sub-Category]
Selection:	Selected 7 of 15 values
Wildcard:	All
Condition:	None
Limit:	None

Buttons at the bottom of the dialog are Reset, OK, Cancel, and Apply.



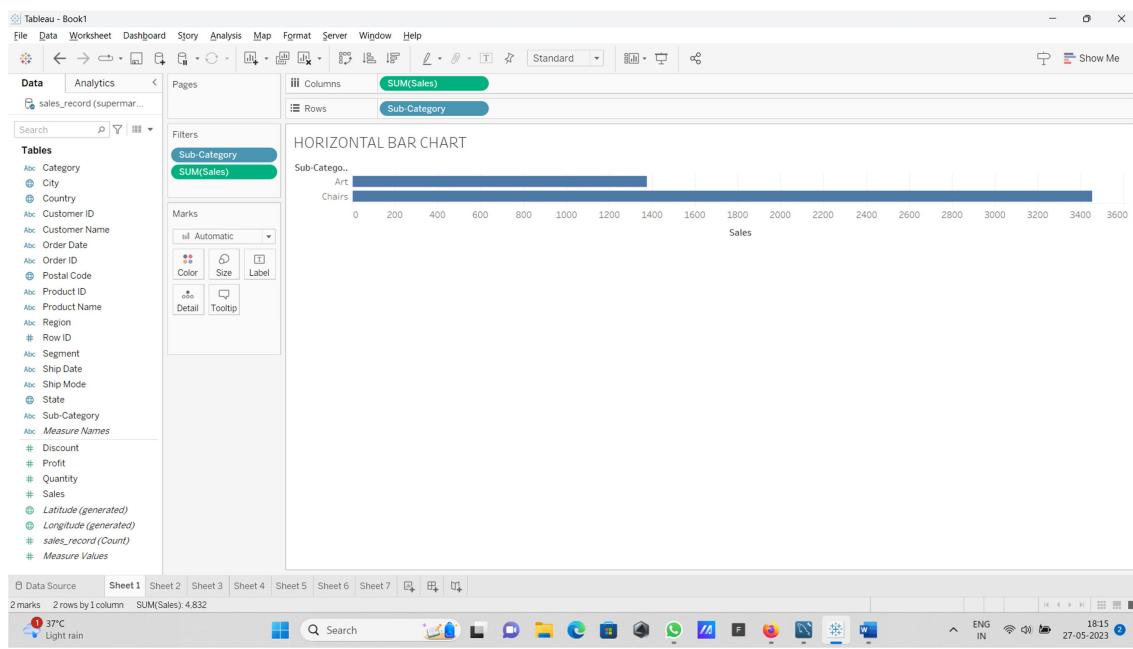
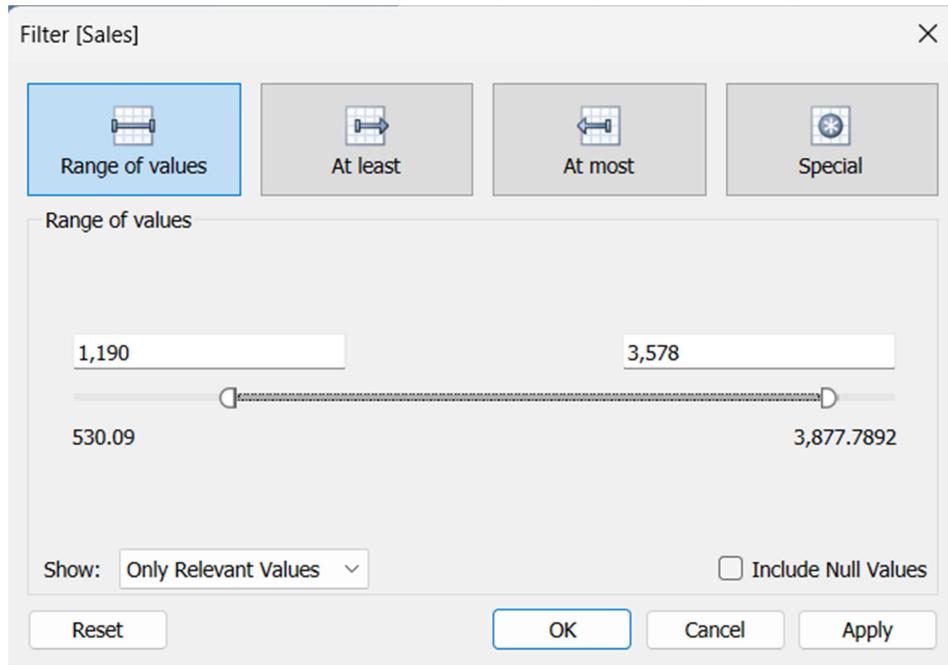


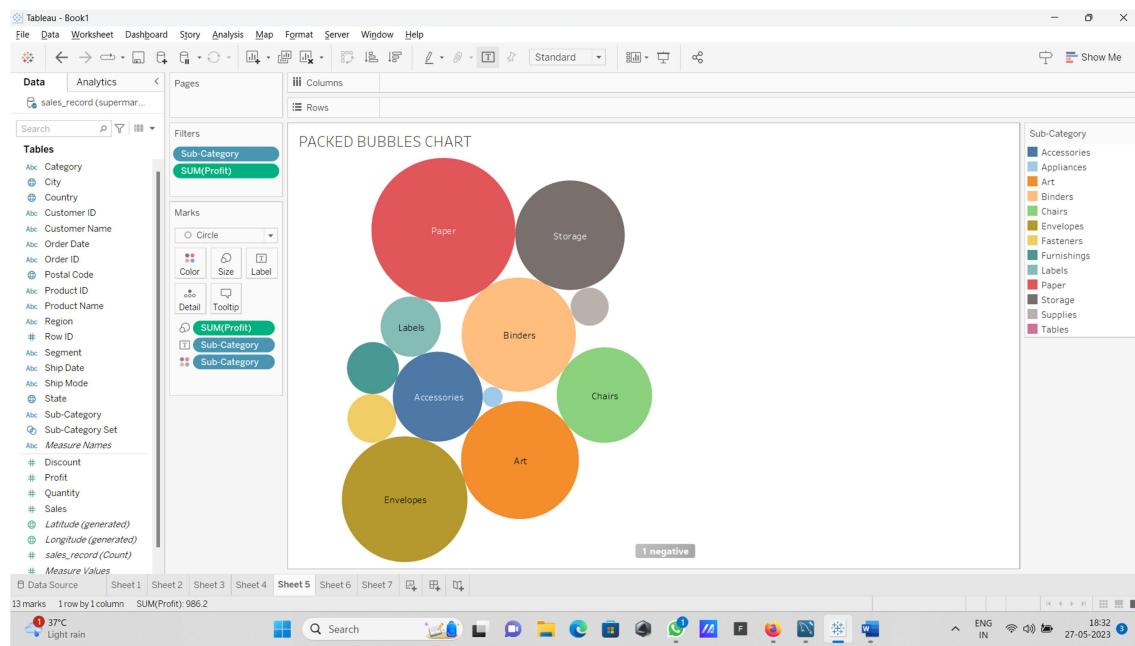
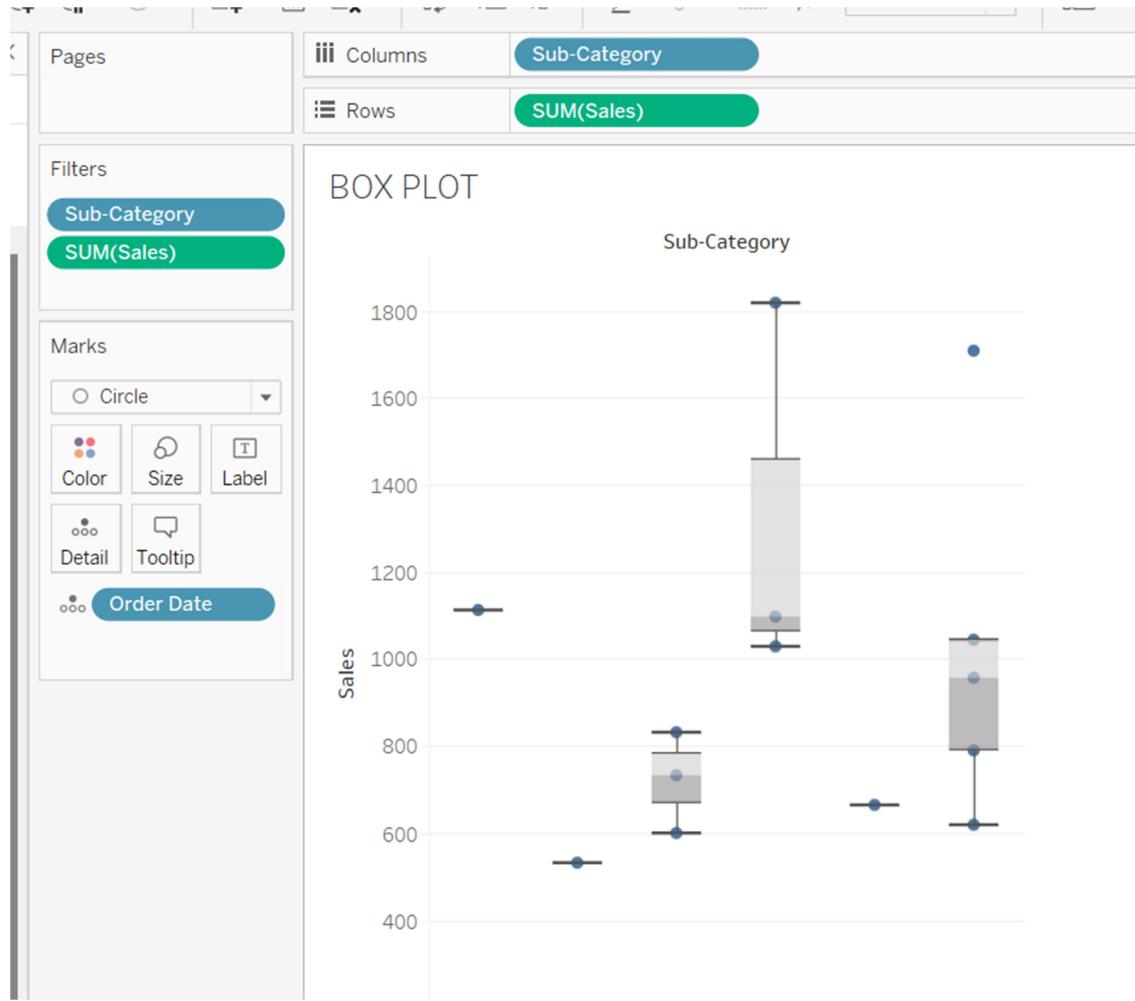
➤ MEASURE FILTER

The screenshot shows a context menu for the "SUM(Sales)" measure. The menu items are:

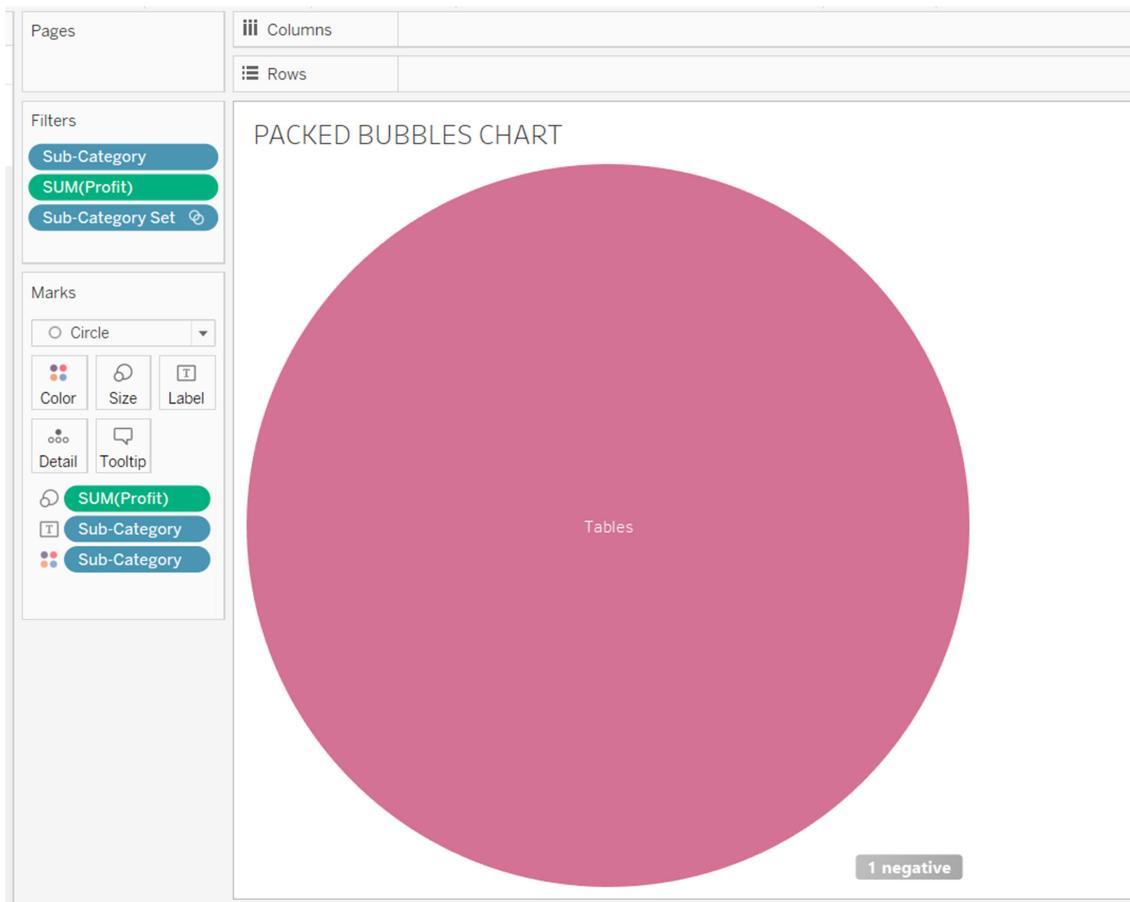
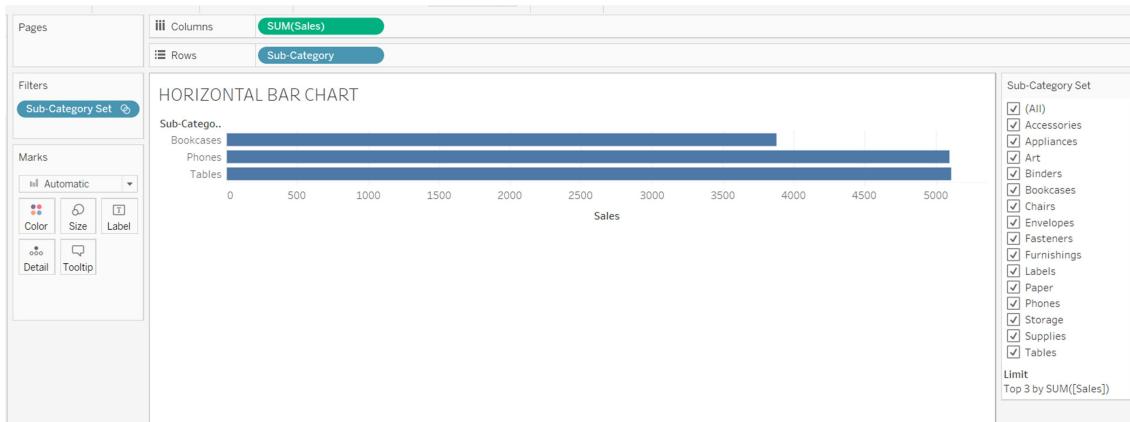
- Filter...
- Show Filter
- Apply to Worksheets
- Format...
- Show Header
- Include in Tooltip
- Dimension
- Attribute
- Measure (Sum)
- Discrete
- Continuous
- Edit in Shelf
- Add Table Calculation...
- Quick Table Calculation
- Remove

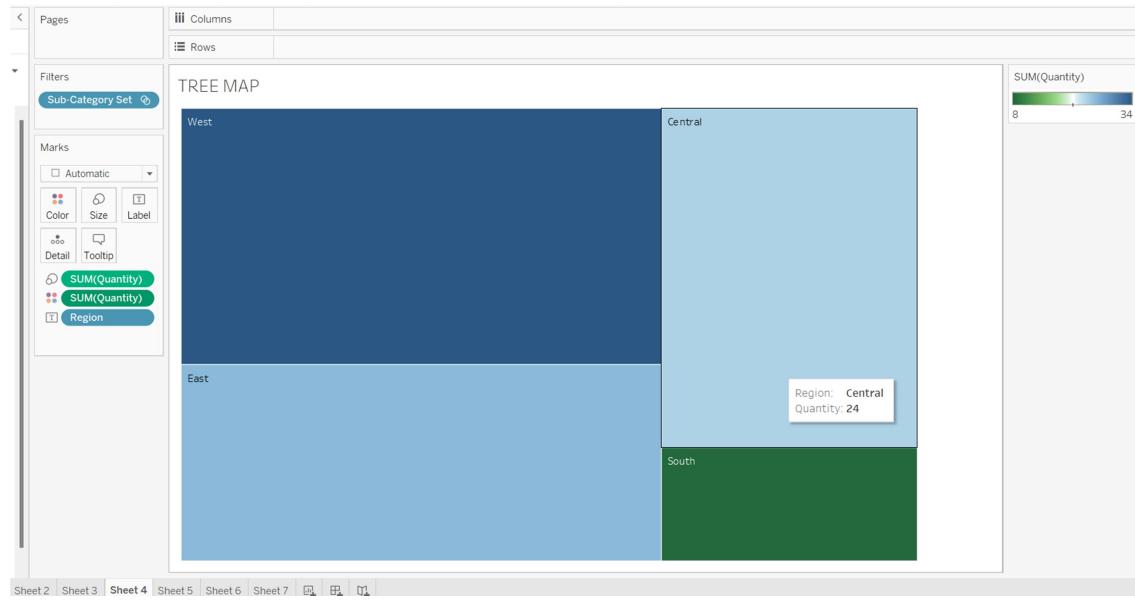
The background shows a horizontal bar chart with categories like Accessories, Appliances, Art, Binders, Bookcases, Chairs, and Envelopes, and a value of 0.





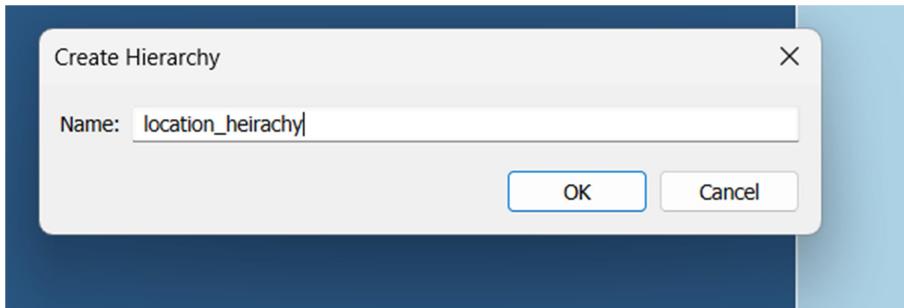
➤ CONTEXT FILTER





3) Perform the following data manipulations on your dataset

➤ Create a Hierarchy



Tables

- LOCATION_heirachy
 - Country
 - State
 - Region
 - City

➤ create a set

Product Name

Region

Row ID

Segment

Ship Date

Ship Mode

State

Sub-Category

Sub-Category Set

Measure Names

Discount

Profit

Quantity

Sales

Latitude (generated)

Longitude (generated)

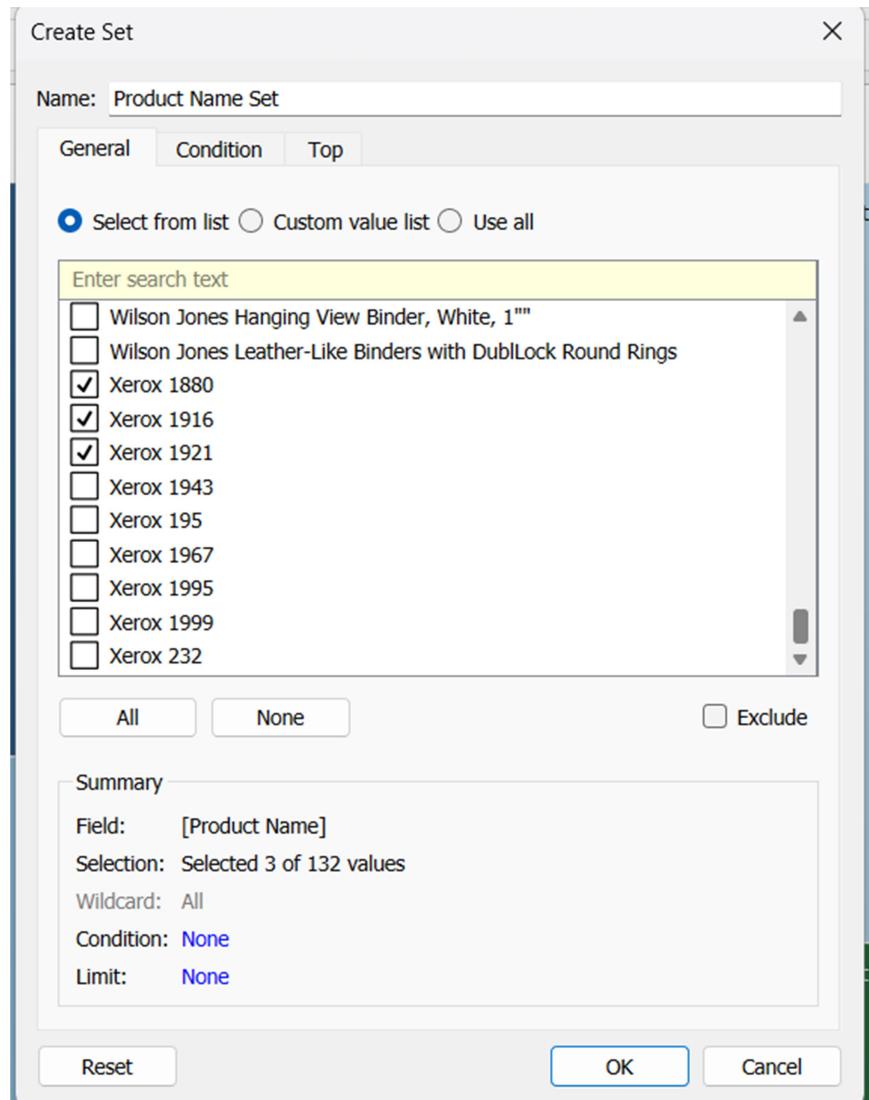
sales_record (Count)

Measure Values

Add to Sheet

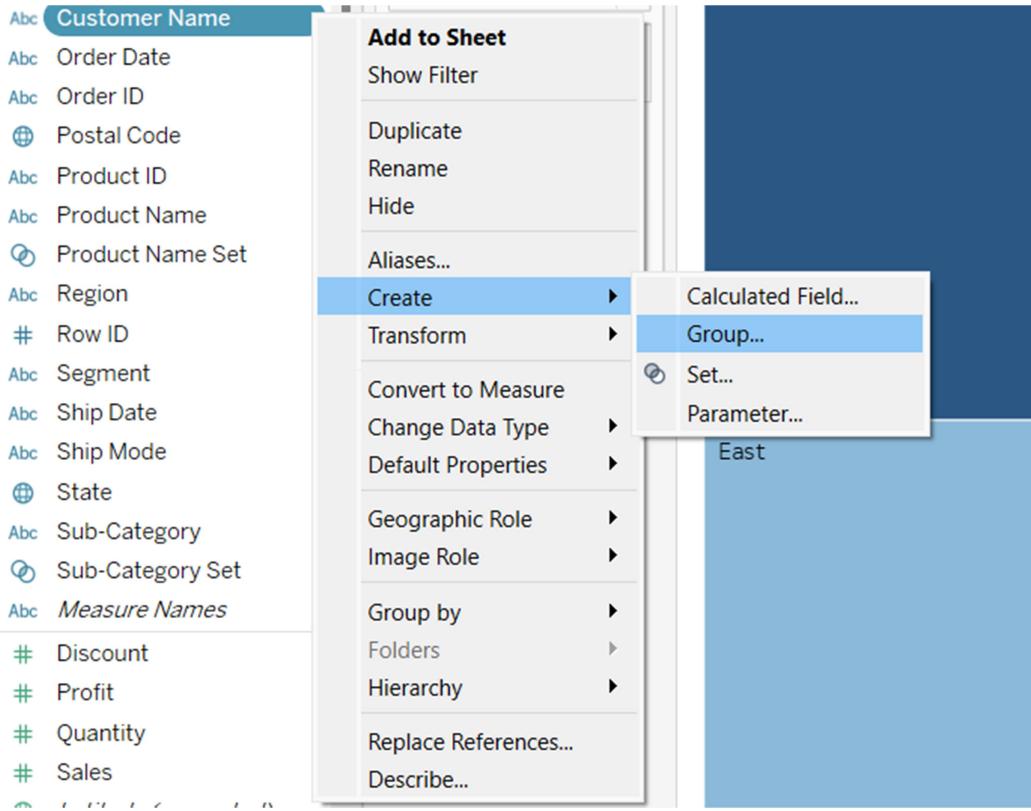
- Show Filter
- Duplicate
- Rename
- Hide
- Aliases...
- Create
 - Calculated Field...
 - Group...
 - Set...**
 - Parameter...
- Transform
- Convert to Measure
- Change Data Type
- Default Properties
- Geographic Role
- Image Role
- Group by
- Folders
- Hierarchy
- Replace References...

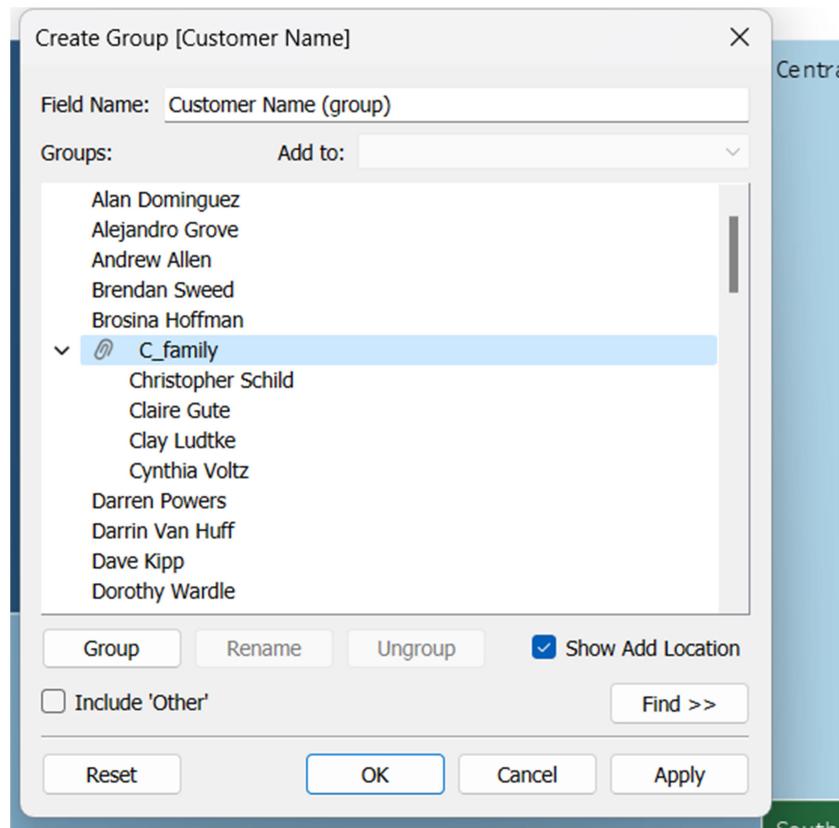
Sheet 5 Sheet 6 Sheet 7 +



Abc Product Name
Product Name Set

➤ create a group





Abc Customer Name

✓ Customer Name (group)

Abc Order Date