NAME:S.JABISH

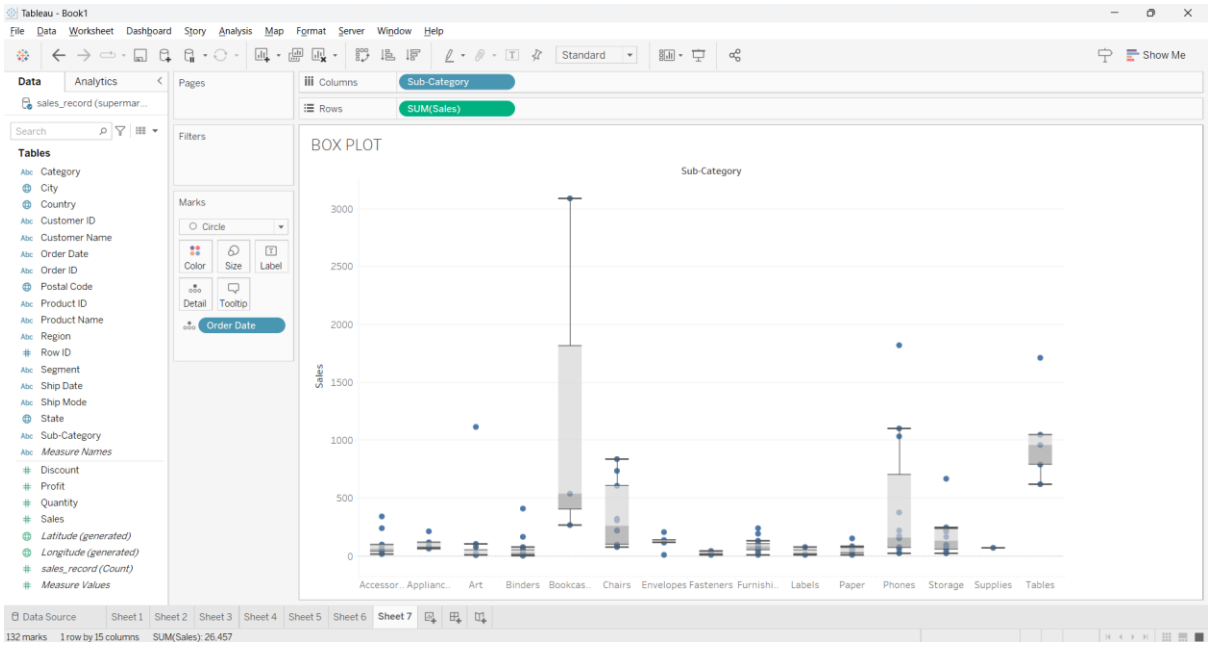
REG NO:20BKT0120

DATA ANALYTICS

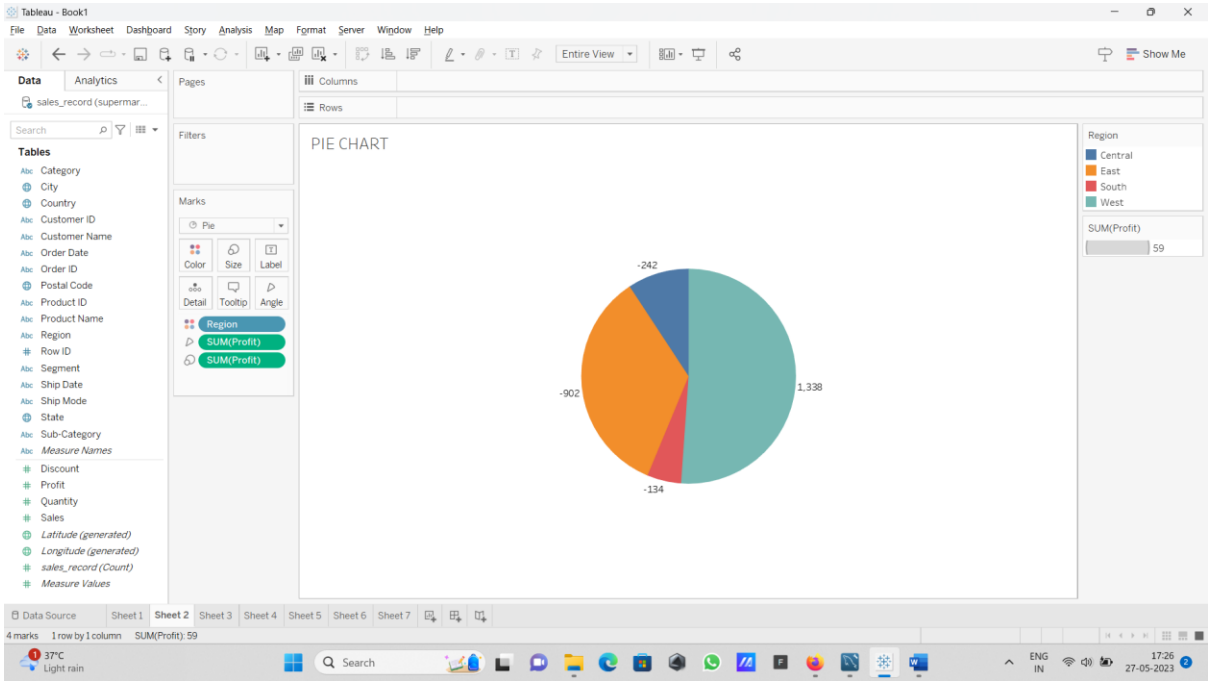
ASSIGNMENT – 2

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

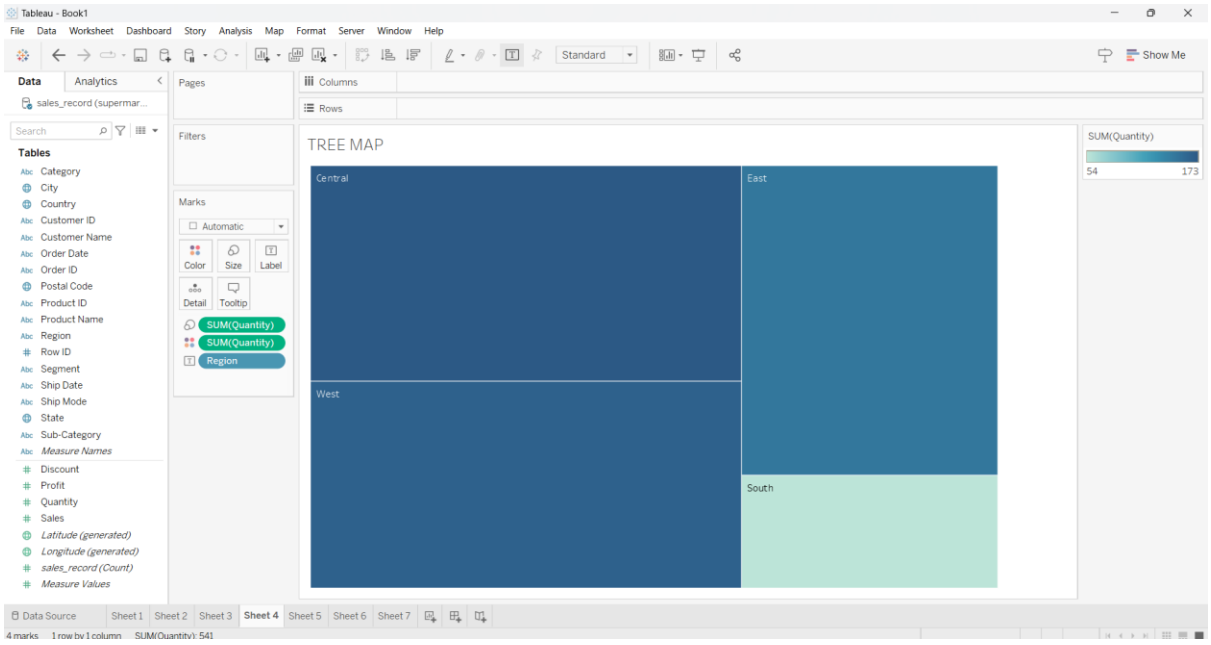
BOX PLOT



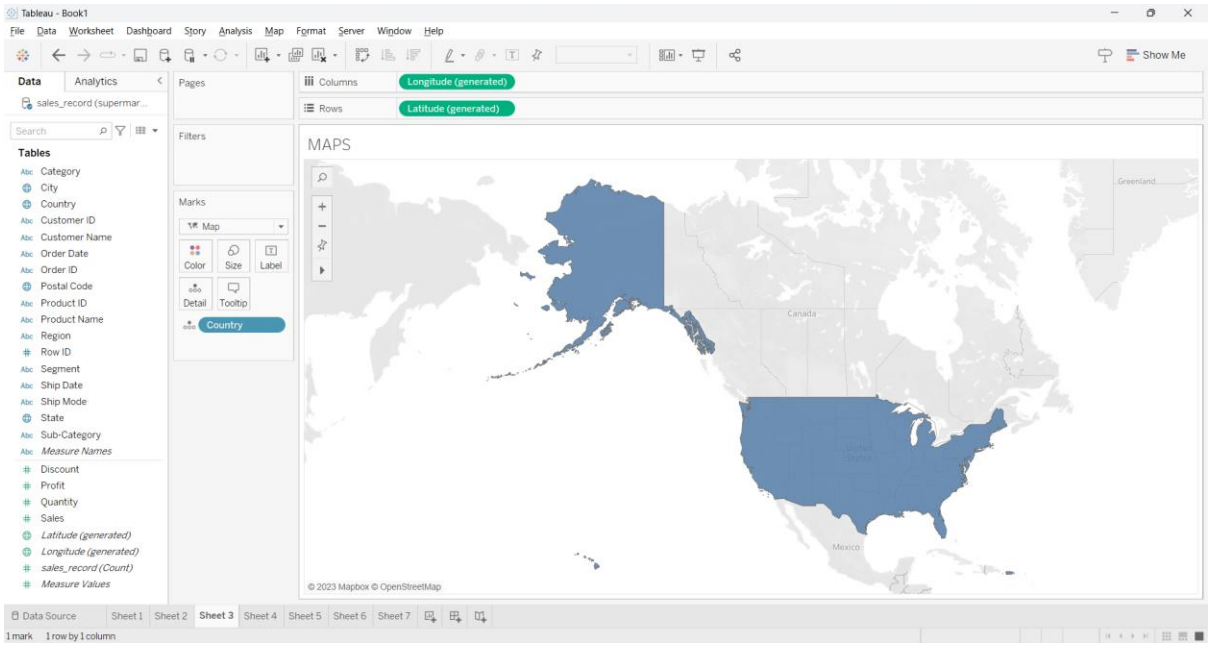
PIE CHART



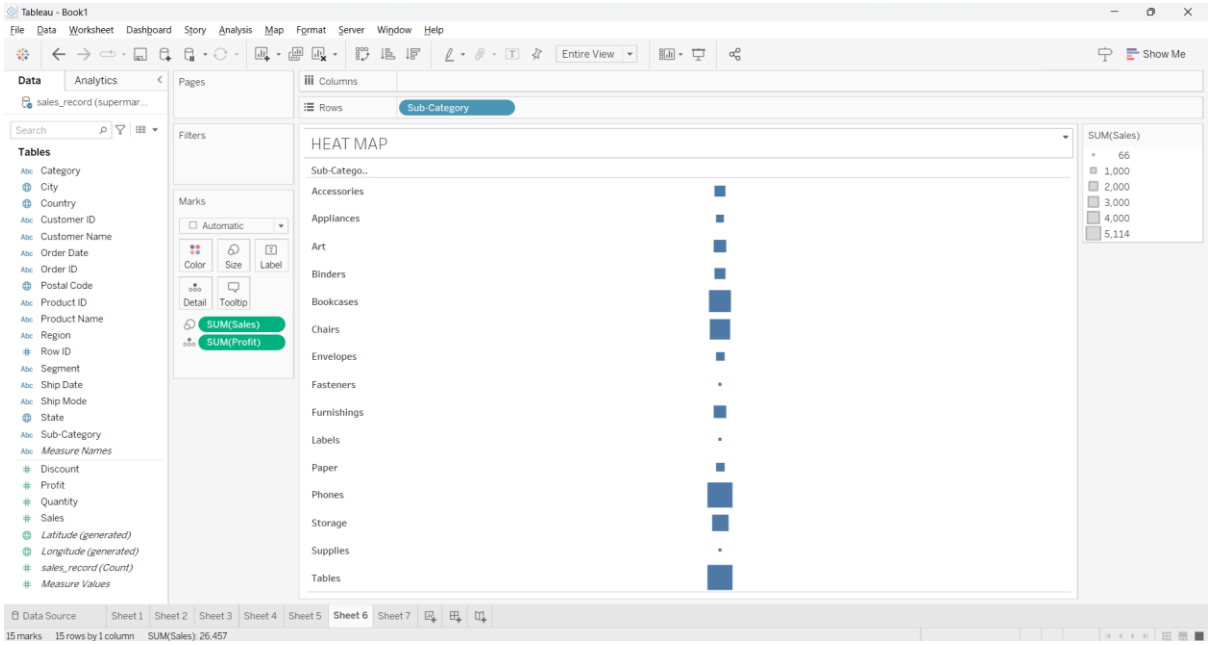
TREE MAP



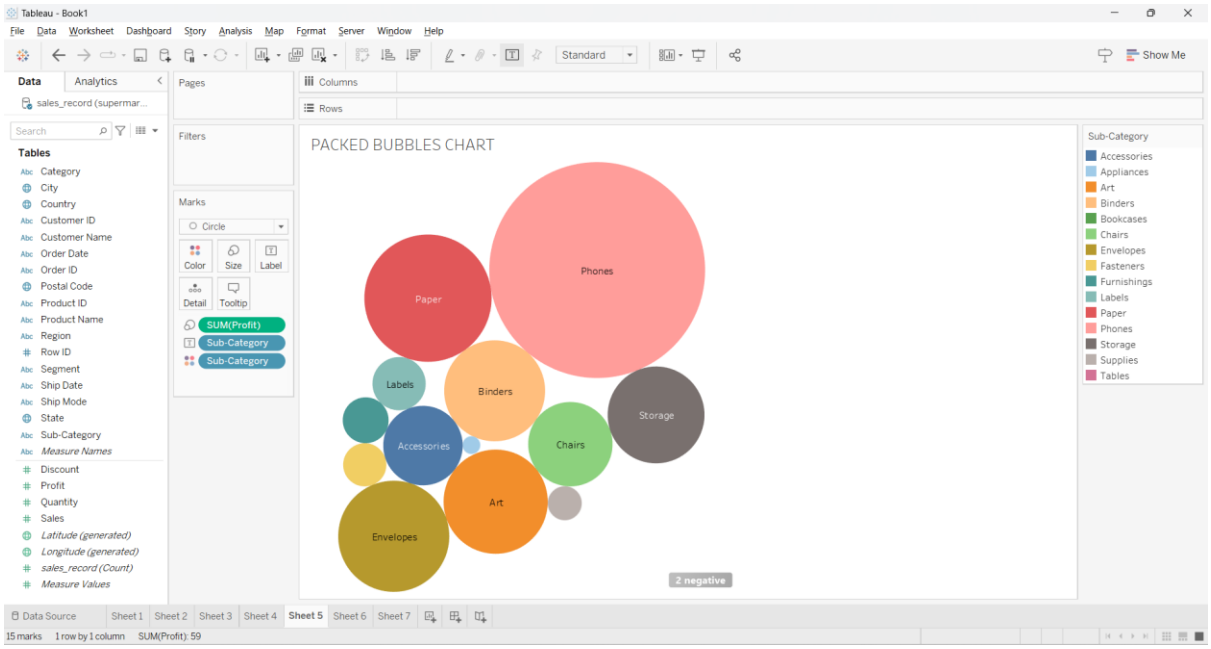
MAPS

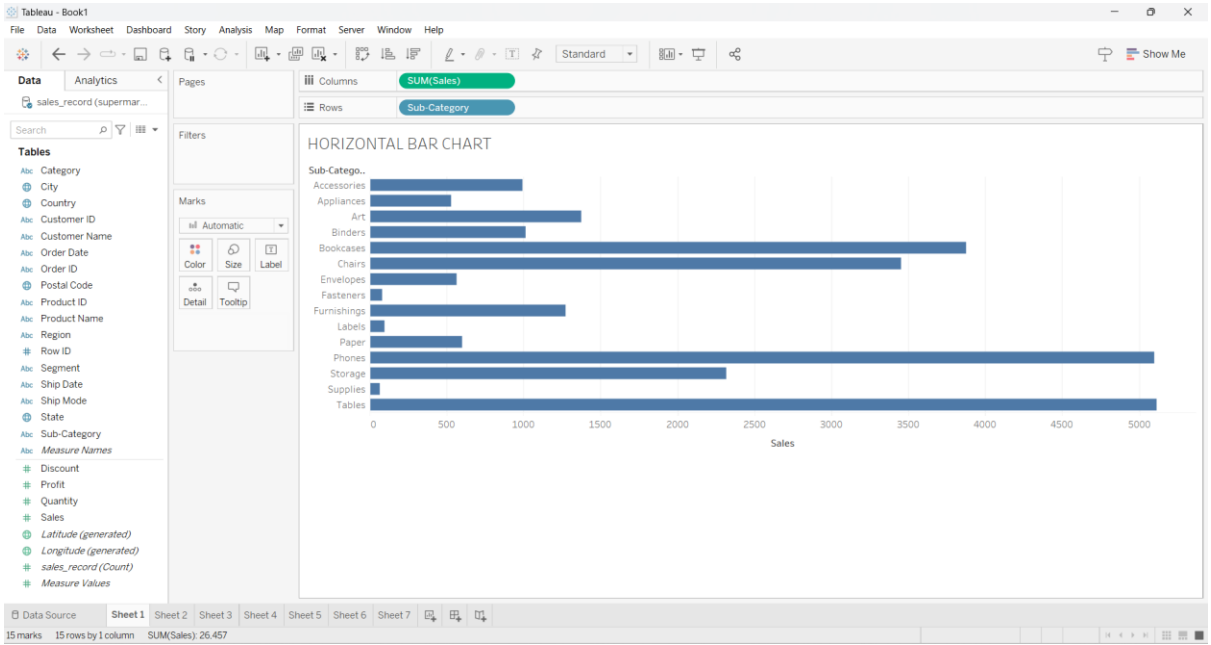


HEAT MAP



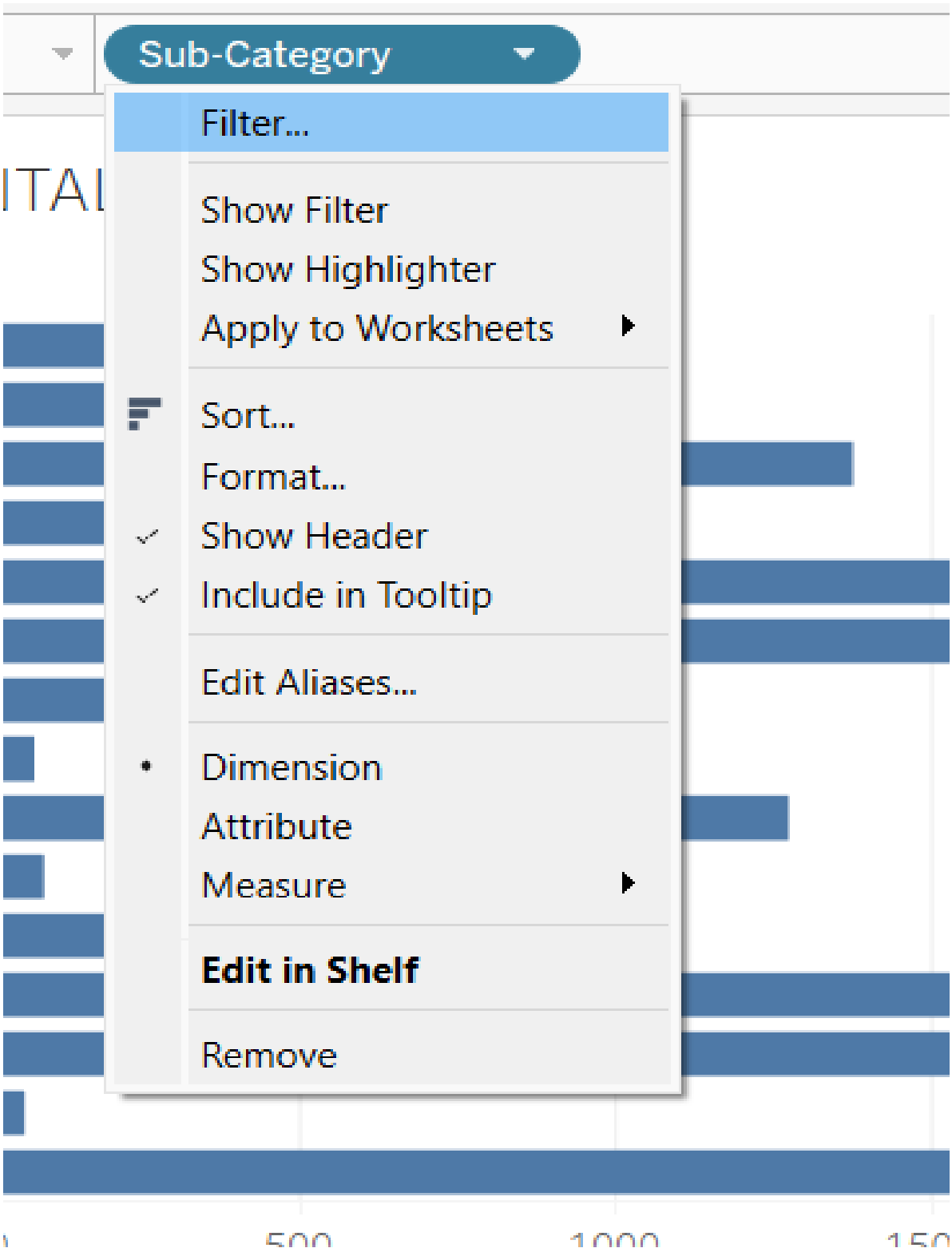
PACKED BUBBLE CHART

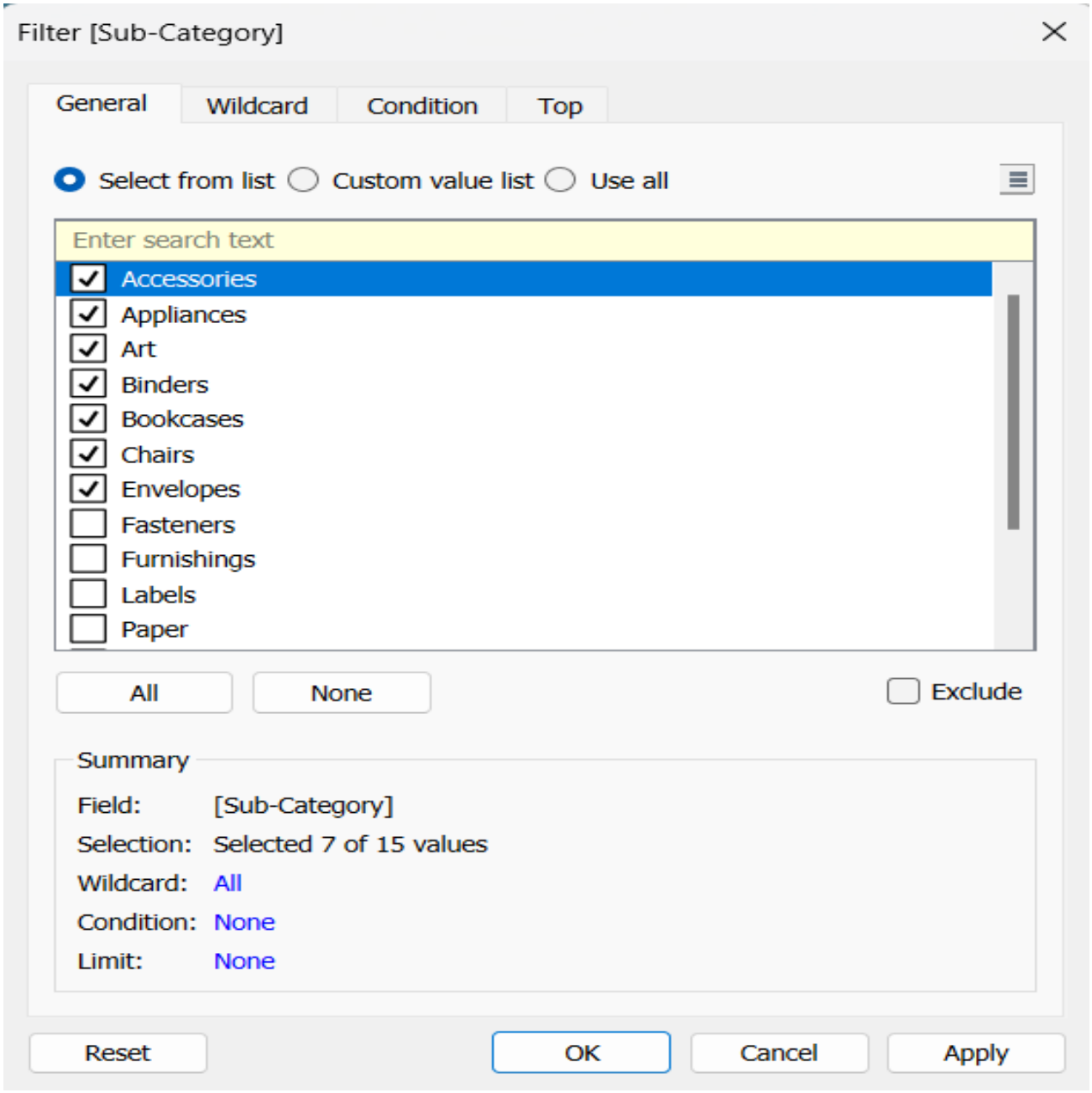




2) Apply dimension filter, context and measure filter on any of the three visualizations

DIMENSION FILTER




Filter [Sub-Category]
General
Wildcard
Condition
Top
Select from list
Custom value list
Use all
Enter search text
Accessories
Appliances
Art
Binders
Bookcases
Chairs
Envelopes
Fasteners
Furnishings
Labels
Paper
All
None
Exclude
Summary
Field: [Sub-Category]
Selection: Selected 7 of 15 values
Wildcard: All
Condition: None
Limit: None
Reset
OK
Cancel
Apply

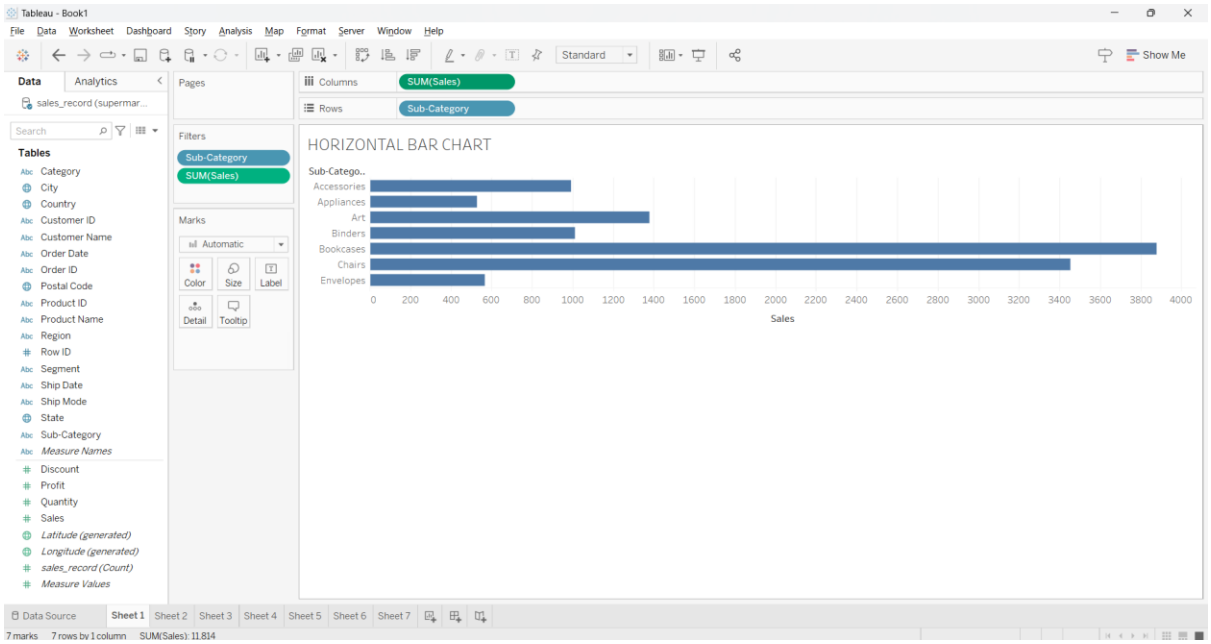


Tableau - Book1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
sales_record (supermar...
Search
Tables
Category
City
Country
Customer ID
Customer Name
Order Date
Order ID
Postal Code
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
Sub-Category
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
sales_record (Count)
Measure Values
Pages
Filters
Sub-Category
SUM(Sales)
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Columns
SUM(Sales)
Rows
Sub-Category
HORIZONTAL BAR CHART
Sub-Catego..
Accessories
Appliances
Art
Binders
Bookcases
Chairs
Envelopes
0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000
Sales
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
7 marks
7 rows by 1 column
SUM(Sales): 11,814

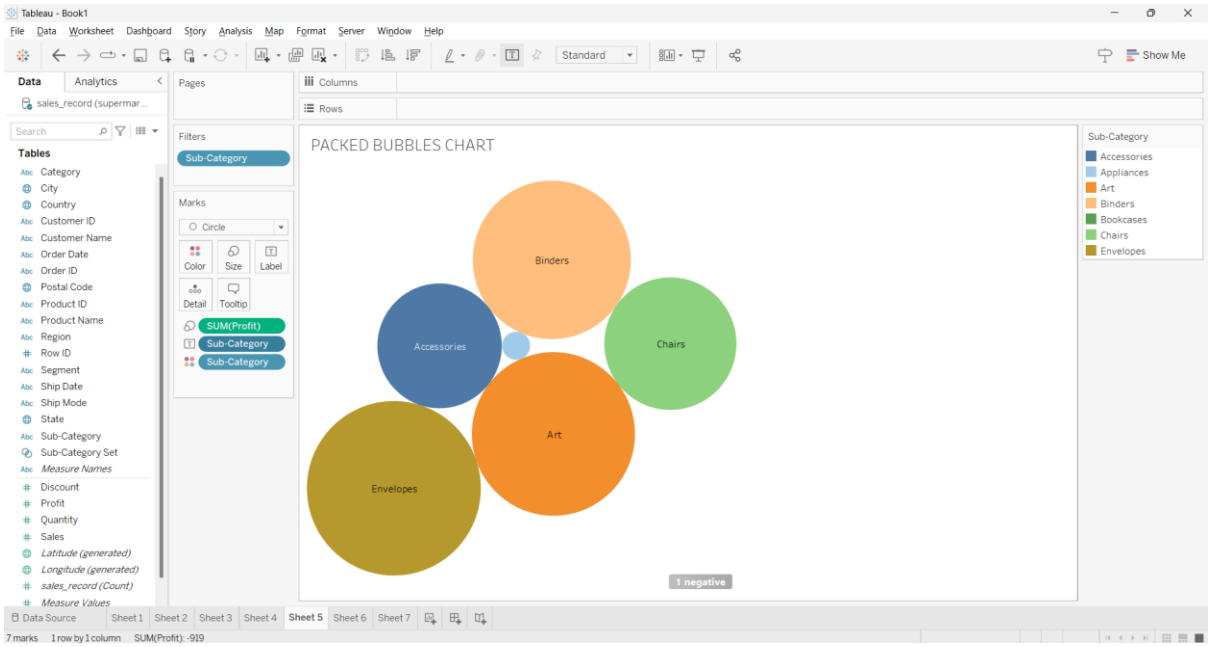


Tableau - Book1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
sales_record (supermar...
Search
Tables
Category
City
Country
Customer ID
Customer Name
Order Date
Order ID
Postal Code
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
Sub-Category
Sub-Category Set
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
sales_record (Count)
Measure Values
Pages
Filters
Sub-Category
Marks
Circle
Color
Size
Label
Detail
Tooltip
SUM(Profit)
Sub-Category
Sub-Category
Columns
Rows
PACKED BUBBLES CHART
Binders
Accessories
Chairs
Art
Envelopes
1 negative
Sub-Category
Accessories
Appliances
Art
Binders
Bookcases
Chairs
Envelopes
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
7 marks
1 row by 1 column
SUM(Profit): -919

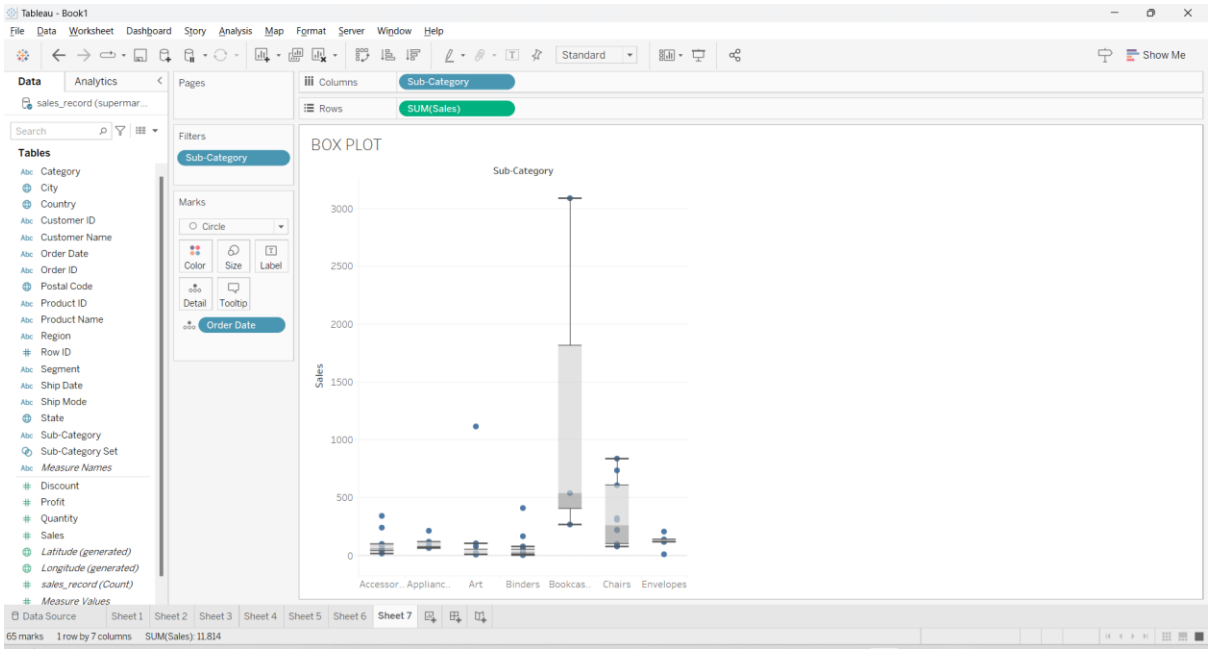
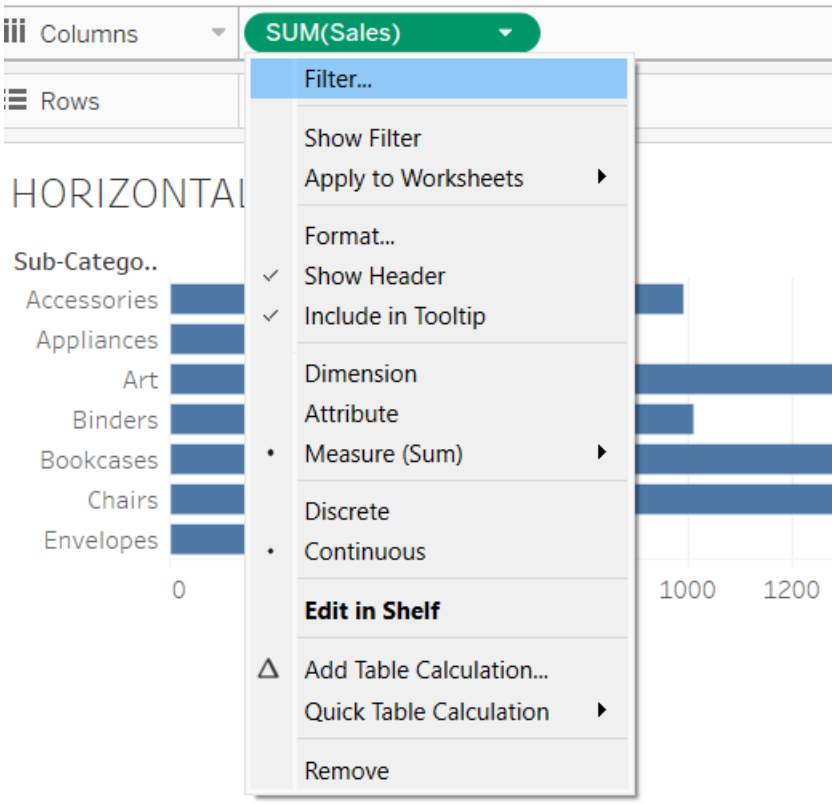
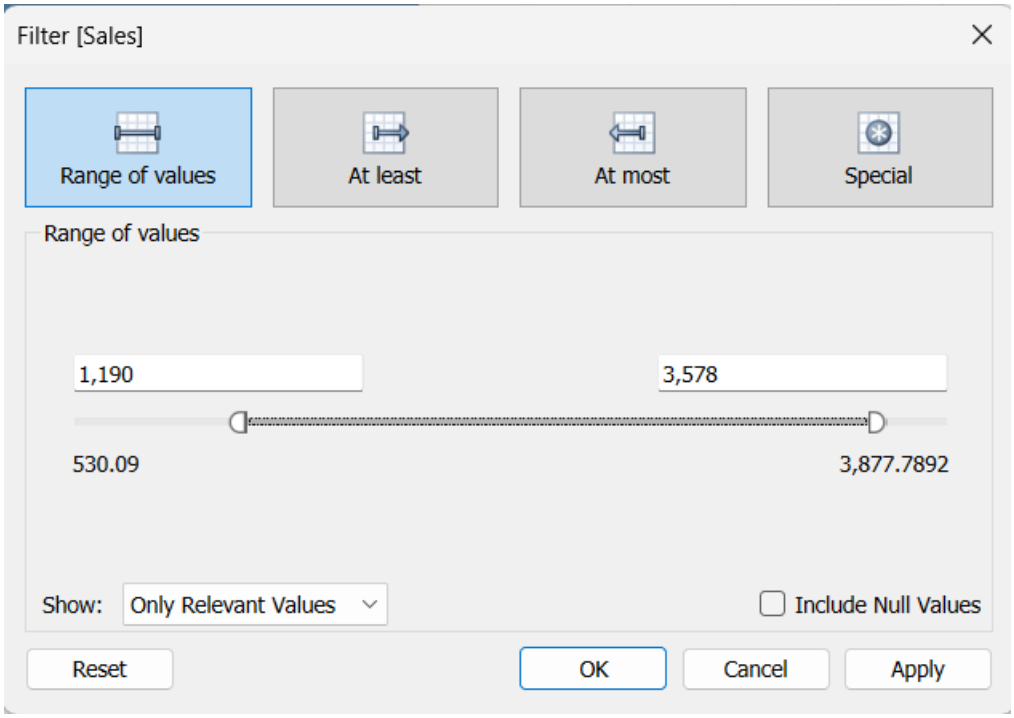


Tableau - Book1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
sales_record (supermar...
Search
Tables
Abc Category
City
Country
Abc Customer ID
Abc Customer Name
Abc Order Date
Abc Order ID
Postal Code
Abc Product ID
Abc Product Name
Abc Region
Row ID
Abc Segment
Abc Ship Date
Abc Ship Mode
State
Abc Sub-Category
Sub-Category Set
Abc Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
sales_record (Count)
Measure Values
Pages
Filters
Sub-Category
Marks
Circle
Color
Size
Label
Detail
Tooltip
Order Date
Columns
Sub-Category
Rows
SUM(Sales)
BOX PLOT
Sub-Category
Sales
3000
2500
2000
1500
1000
500
0
Accessor..
Applianc..
Art
Binders
Bookcas..
Chairs
Envelopes
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
65 marks
1 row by 7 columns
SUM(Sales): 11,814

MEASURE FILTER





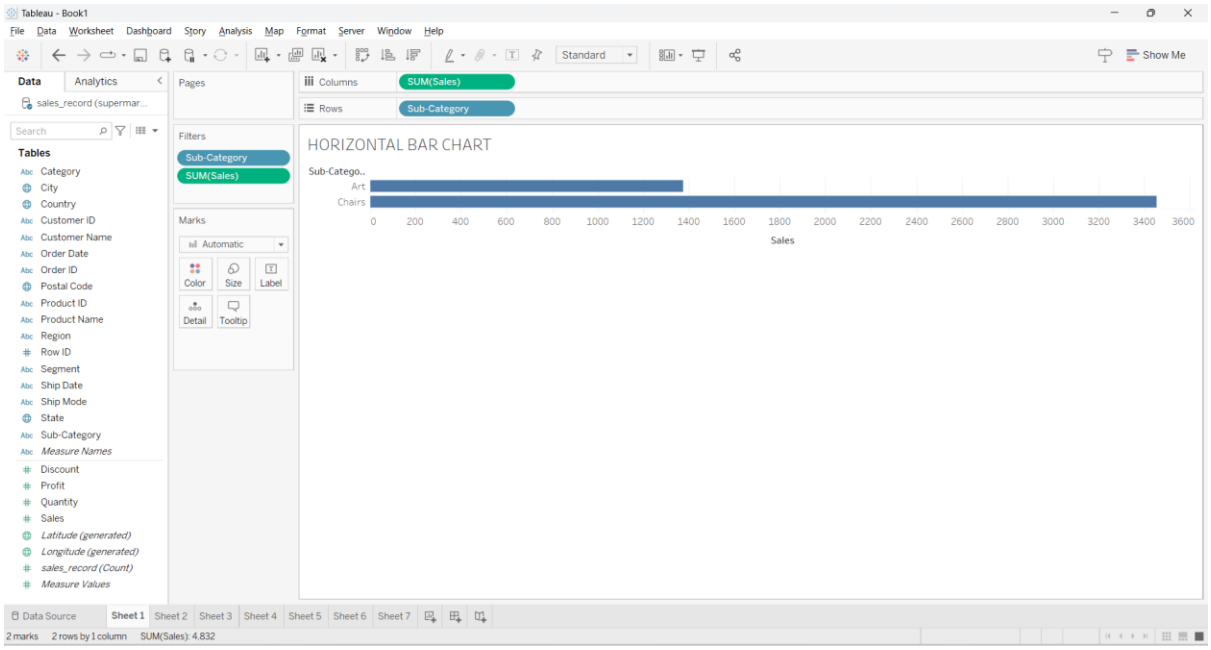
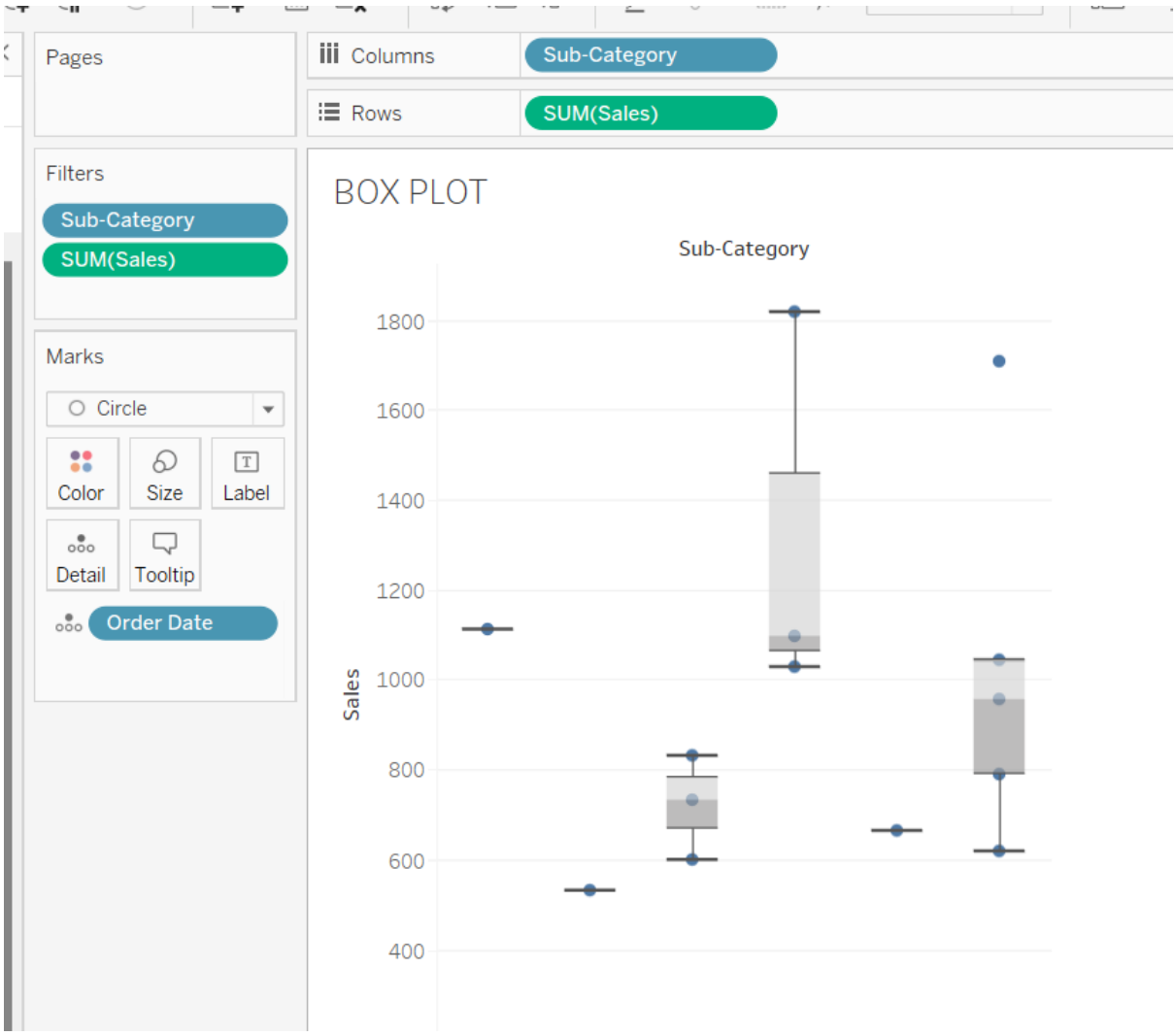
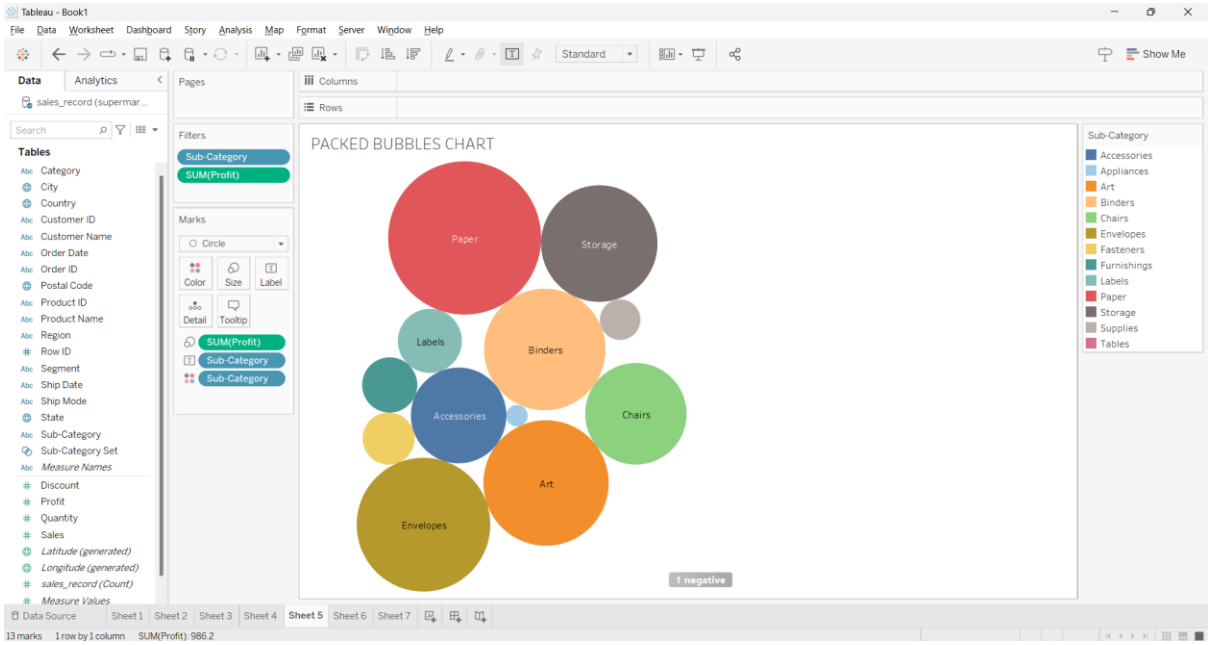
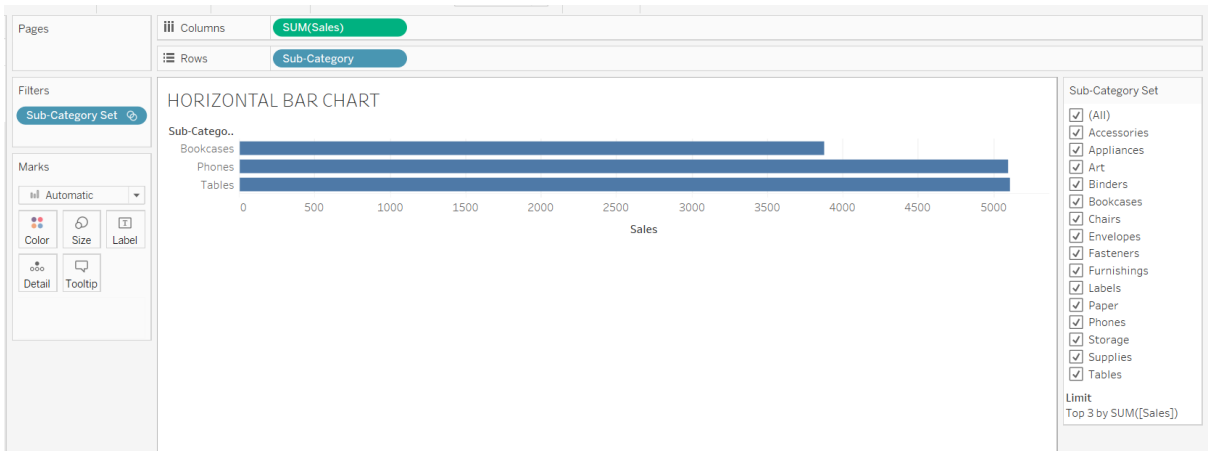


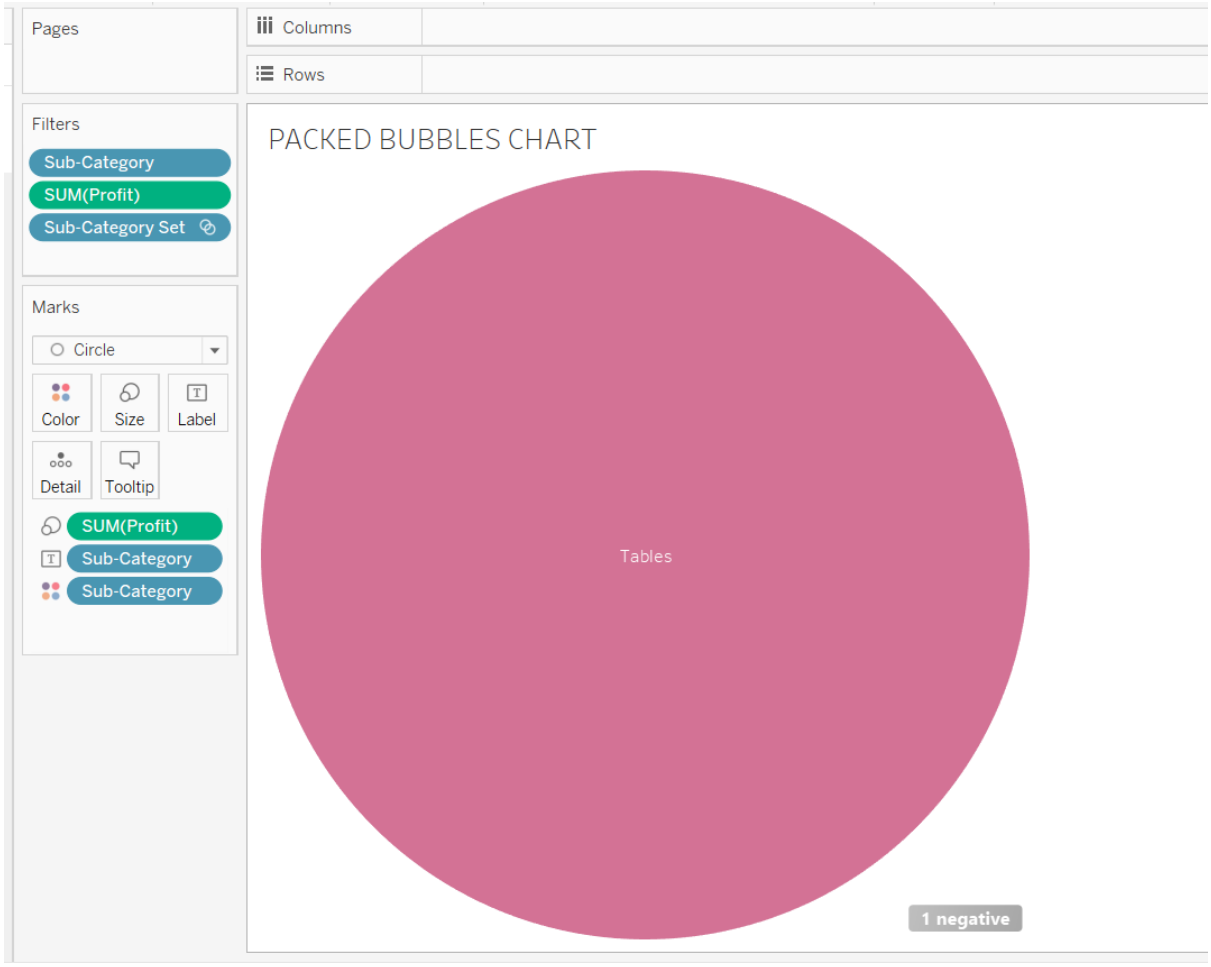
Tableau - Book1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
sales_record (supermar...
Search
Tables
Abc Category
City
Country
Abc Customer ID
Abc Customer Name
Abc Order Date
Abc Order ID
Postal Code
Abc Product ID
Abc Product Name
Abc Region
Row ID
Abc Segment
Abc Ship Date
Abc Ship Mode
State
Abc Sub-Category
Abc Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
sales_record (Count)
Measure Values
Pages
Filters
Sub-Category
SUM(Sales)
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Columns
SUM(Sales)
Rows
Sub-Category
HORIZONTAL BAR CHART
Sub-Catego..
Art
Chairs
0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600
Sales
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
2 marks
2 rows by 1 column
SUM(Sales): 4,832

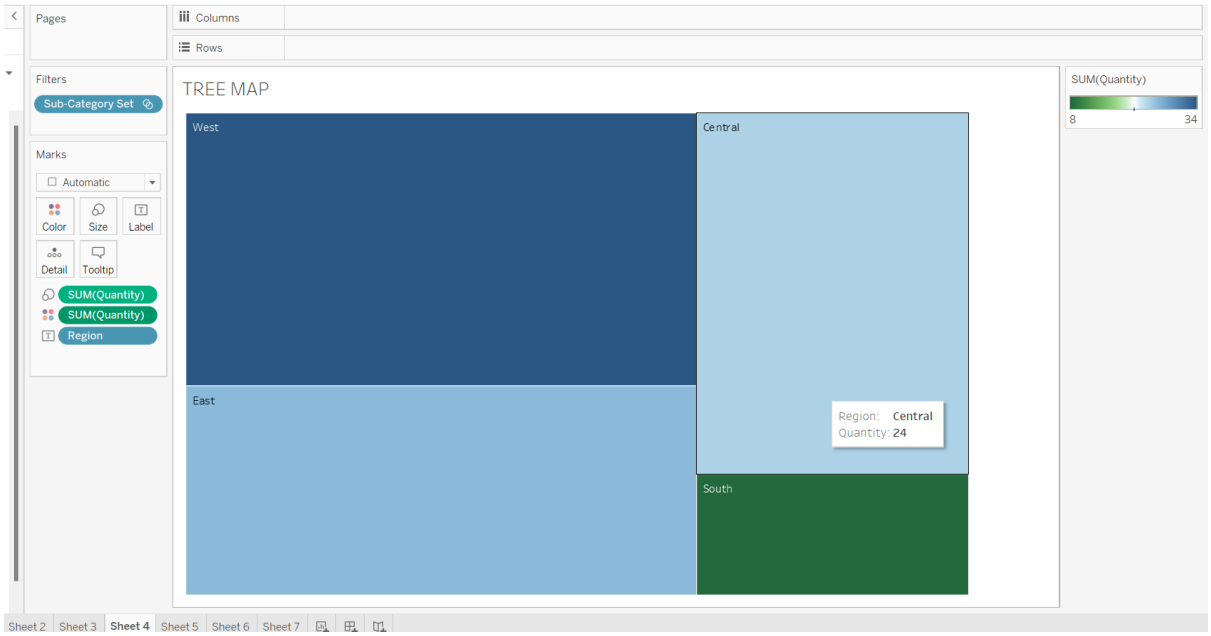

Pages
Columns
Sub-Category
Rows
SUM(Sales)
Filters
Sub-Category
SUM(Sales)
Marks
Circle
Color
Size
Label
Detail
Tooltip
Order Date
BOX PLOT
Sub-Category
Sales
1800
1600
1400
1200
1000
800
600
400



CONTEXT FILTER

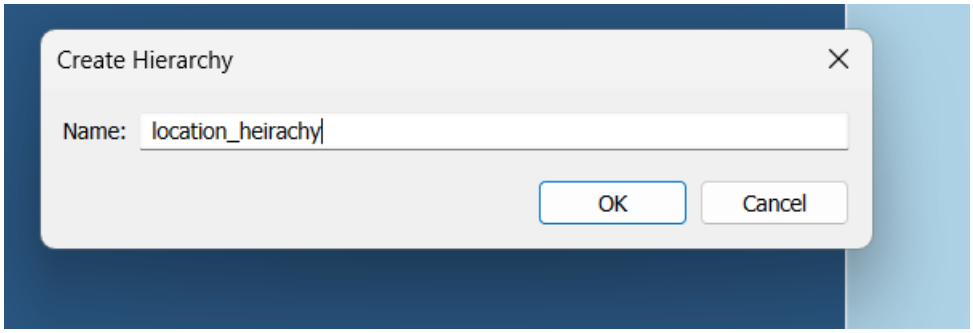


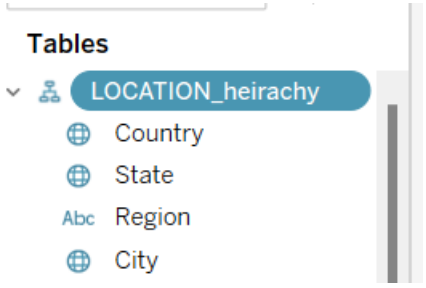

Pages
Columns
Rows
Filters
Sub-Category
SUM(Profit)
Sub-Category Set
Marks
Circle
Color
Size
Label
Detail
Tooltip
SUM(Profit)
Sub-Category
Sub-Category
PACKED BUBBLES CHART
Tables
1 negative


Pages
Columns
Rows
Filters
Sub-Category Set
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(Quantity)
SUM(Quantity)
Region
TREE MAP
West
Central
East
South
Region: Central
Quantity: 24
SUM(Quantity)
8
34
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7

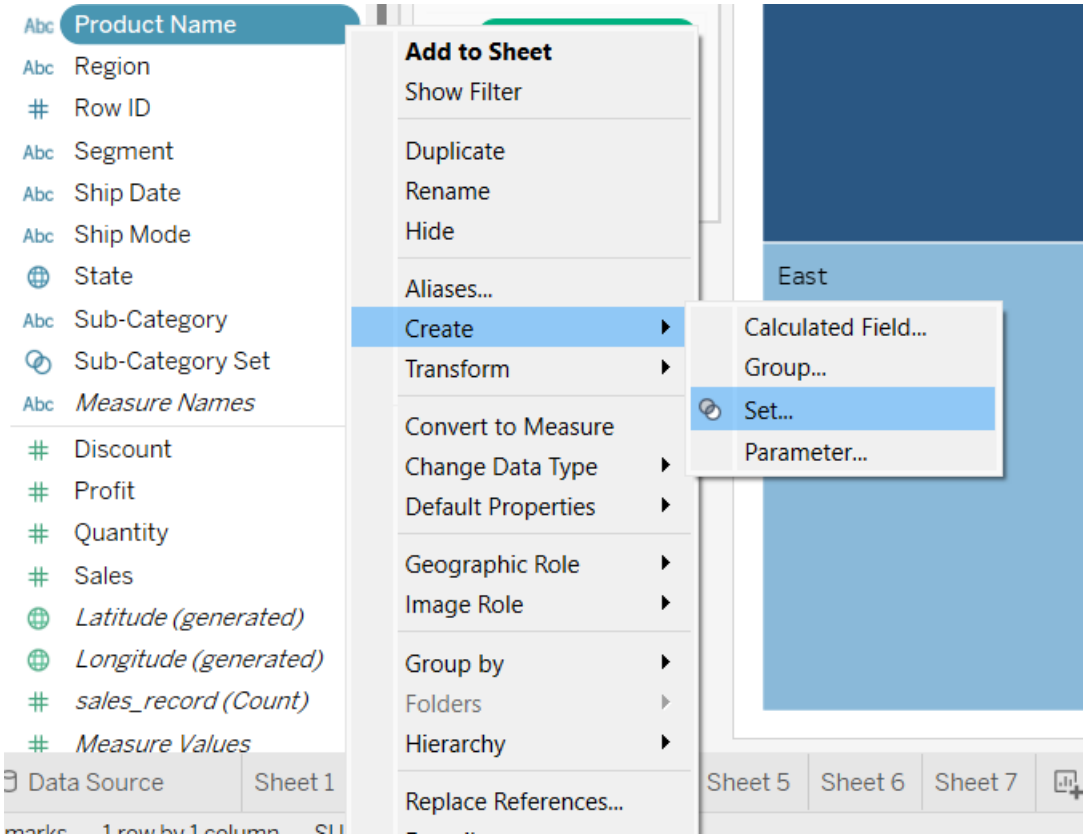
3) Perform the following data manipulations on your dataset

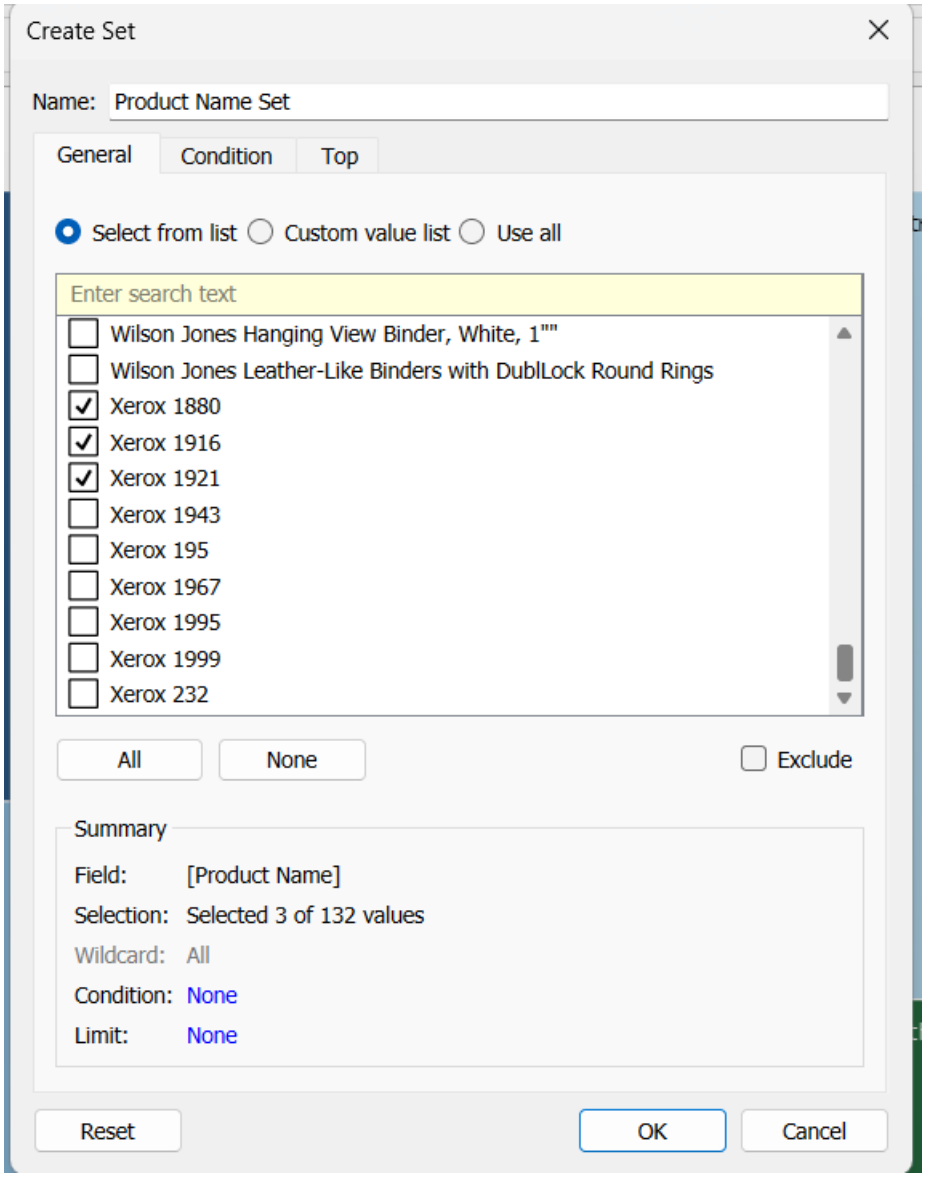
Create a Hierarchy

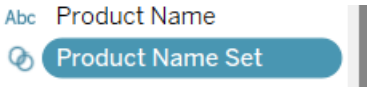




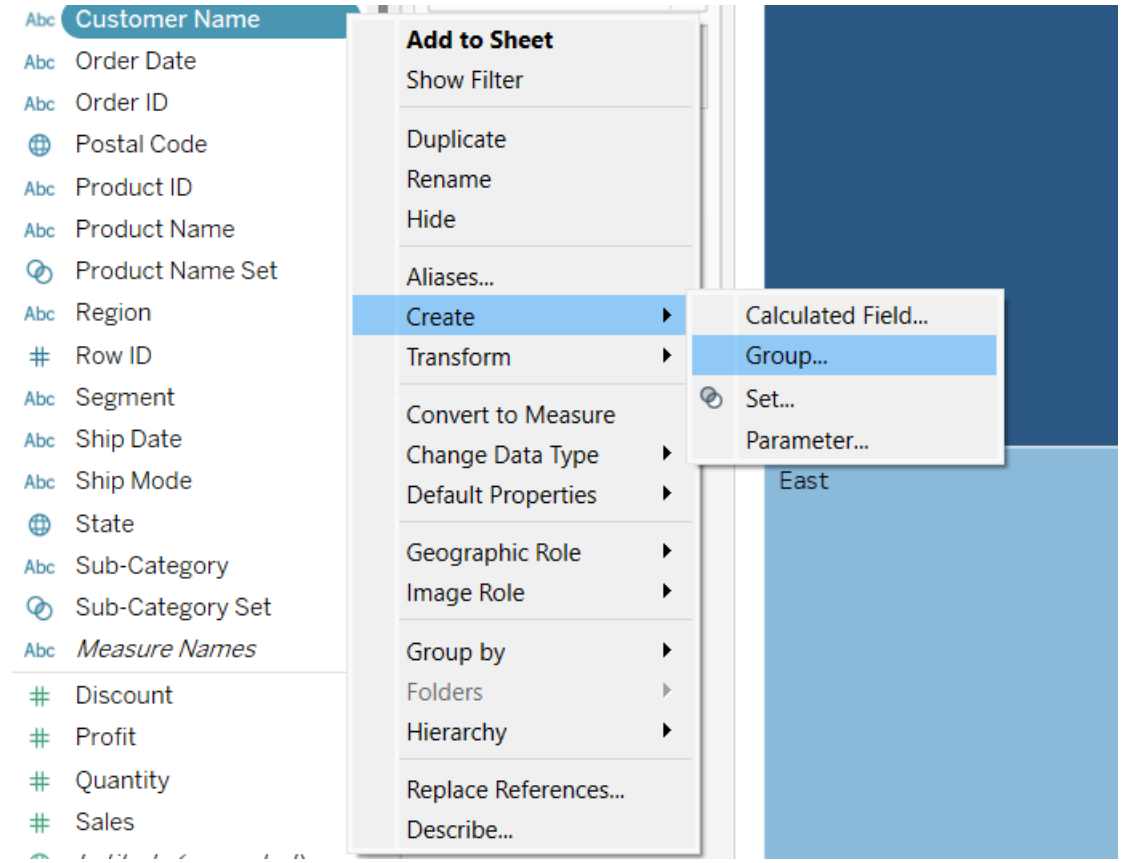
Create a set

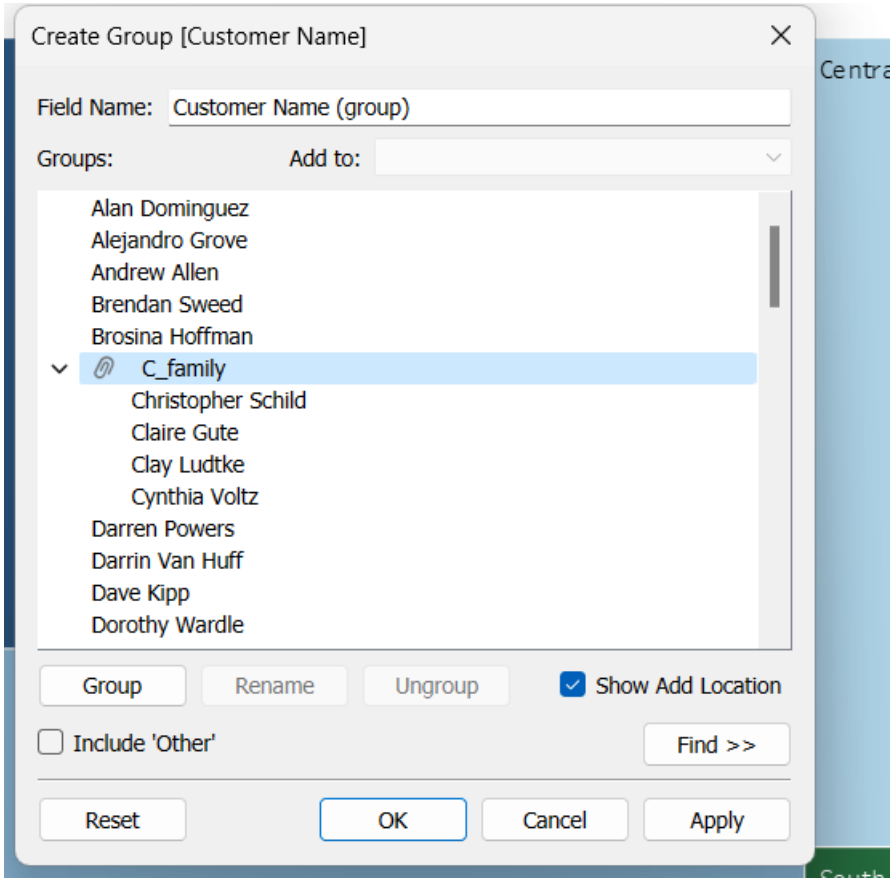


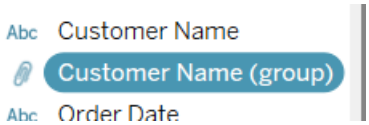

Create Set
Name: Product Name Set
General
Condition
Top
Select from list
Custom value list
Use all
Enter search text
Wilson Jones Hanging View Binder, White, 1""
Wilson Jones Leather-Like Binders with DublLock Round Rings
Xerox 1880
Xerox 1916
Xerox 1921
Xerox 1943
Xerox 195
Xerox 1967
Xerox 1995
Xerox 1999
Xerox 232
All
None
Exclude
Summary
Field: [Product Name]
Selection: Selected 3 of 132 values
Wildcard: All
Condition: None
Limit: None
Reset
OK
Cancel


Abc Product Name
Product Name Set

Creating a group






Abc Customer Name
Customer Name (group)
Abc Order Date