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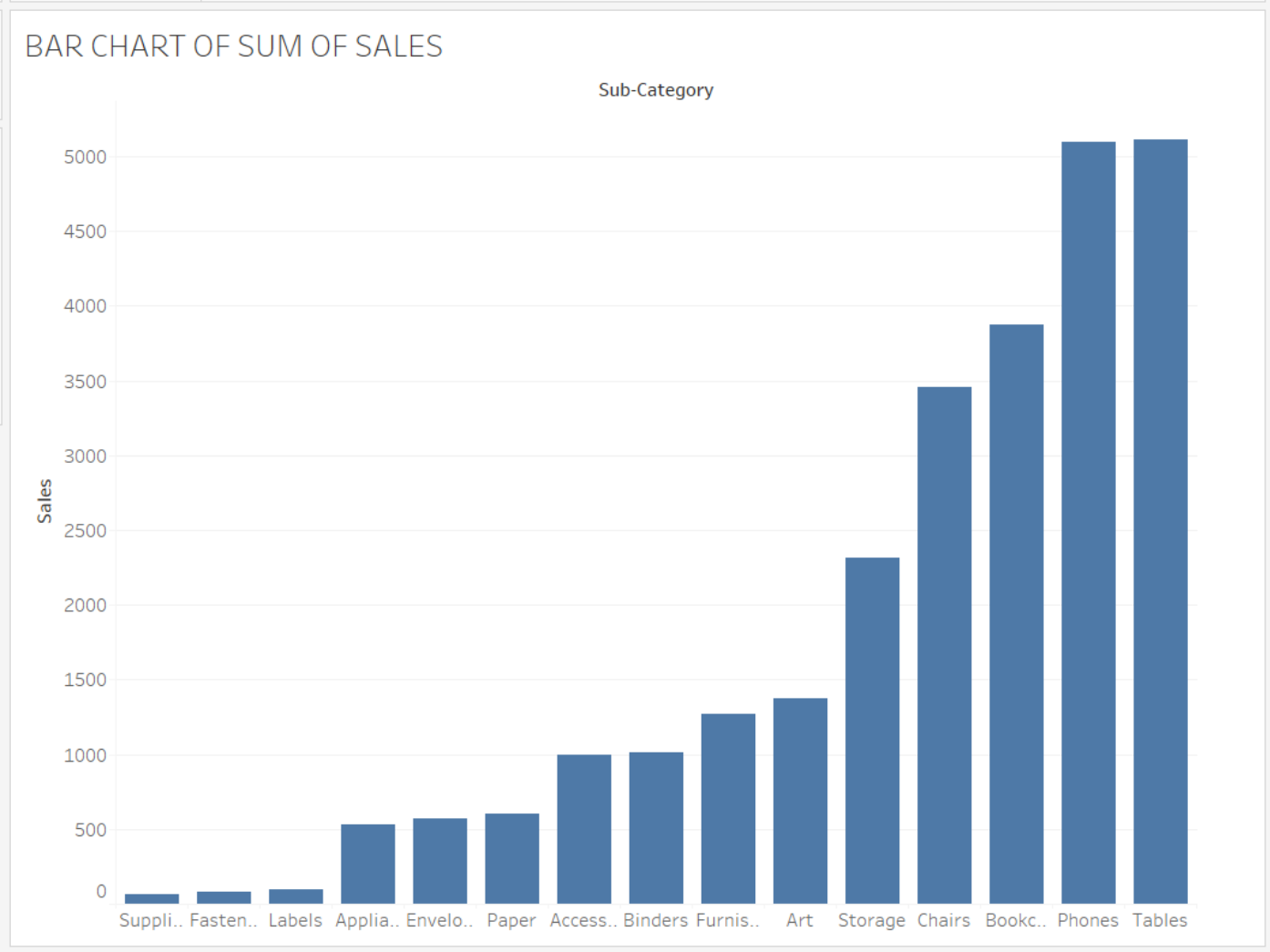
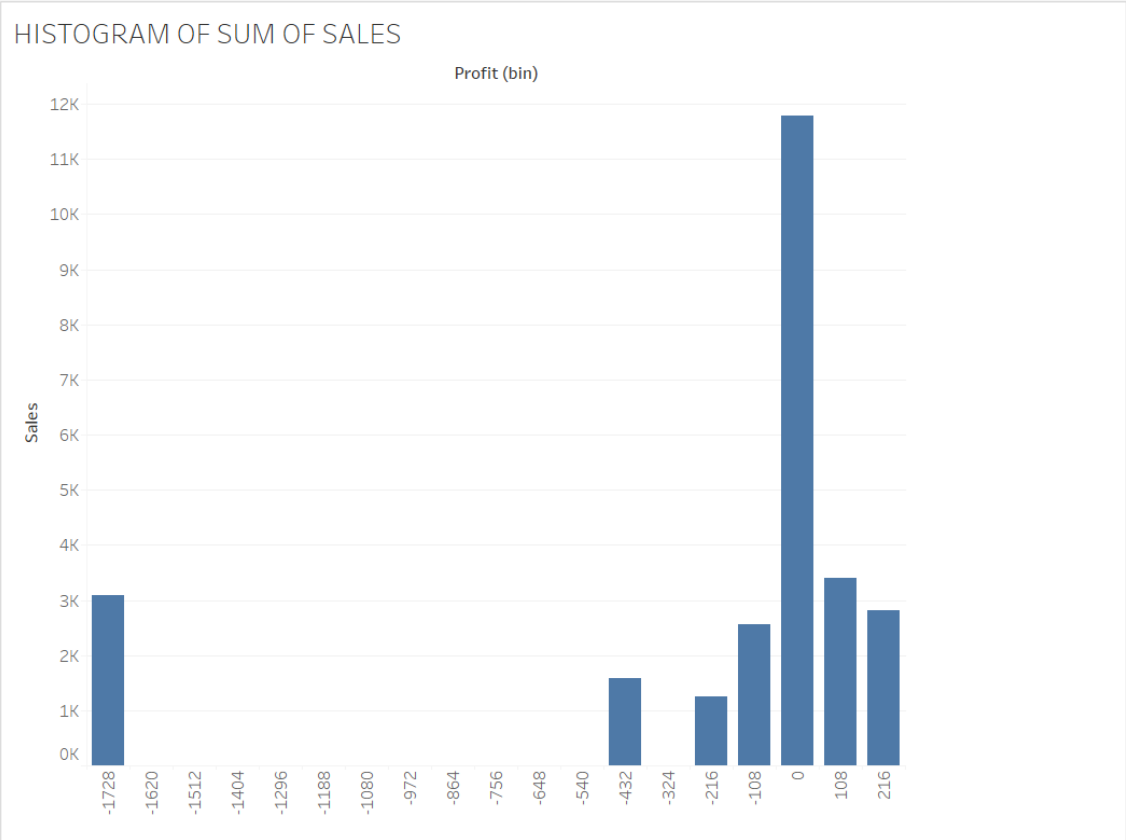
REG NO: 20BCD7091

Assignment-2

1) Create any 7 data visualizations/charts and perform the following
2) Apply dimension filter, context and measure filter on any of the three visualizations
3) Perform the following data manipulations on your dataset
   - create a Hierarchy
   - create a set
   - create a group

Note : Use 'superstore-sales' dataset





Pages

Columns: Region

Rows: Sub-Category

Filters

Marks

Automatic

Color | Size | Label | Detail | Tooltip

SUM(Sales)

HISTOGRAM OF SUM OF SALES

	Region			
Sub-Catego..	Central	East	South	West
Accessories				
Appliances				
Art				
Binders				
Bookcases				
Chairs				
Envelopes				
Fasteners				
Furnishings				
Labels				
Paper				
Phones				
Storage				
Supplies				
Tables				

SUM(Sales)

3

1,000

2,000

3,000

3,538

Pages

Filters

Marks

Automatic

Color | Size | Text | Detail | Tooltip

City

Columns

Rows — Product Name

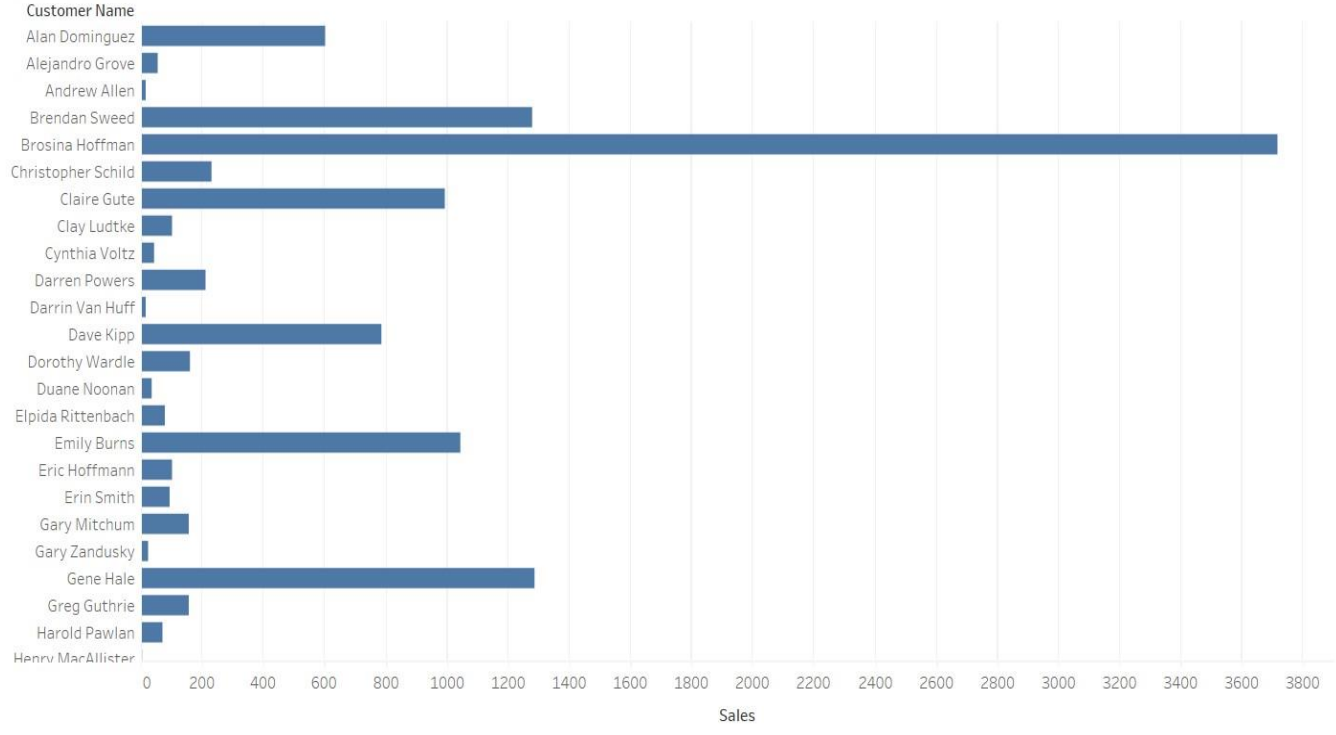
CITY WISE PRODUCT NAME

Product Name	
1.7 Cubic Foot Comp..	Decatur
9-3/4 Diameter Rou..	New York City
#10-4 1/8" x 9 1/2""..	Houston
Acco PRESSTEX Dat..	Los Angeles
Acco Six-Outlet Pow..	Fremont
Advantus 10-Drawe..	Melbourne
Advantus Push Pins	New York City
Anker 36W 4-Port U..	Columbus
Array Parchment Pa..	Troy
Artistic Insta-Plaque	Wilmington
AT&T CL83451 4-Ha..	New York City
Atlantic Metals Mob..	Houston
Avery 485	New Albany
Avery 511	Rochester
Avery Binding Syste..	New York City
Avery Durable Plasti..	Urbandale
Avery Durable Slant ..	Phoenix
Avery Heavy-Duty E..	Decatur
Avery Hidden Tab Di..	Chicago
Avery Personal Crea..	Chicago
Avery Recycled Flexi..	Philadelphia
Belkin F5C206VTEL ..	Los Angeles
Bevis 44 x 96 Confer..	Bloomington
BOSTON Model 180..	Philadelphia
Bretford CR4500 Se..	Fort Lauderdale, Orem
Bush Somerset Colle..	Henderson
C-Line Peel & Stick A..	New Albany
Chromcraft Rectang..	Los Angeles
Cisco SPA 501G IP P..	San Francisco
Companion Letter/L..	Wilmington
Deflect-o DuraMat L..	Aurora
DXL Angle-View Bin..	Los Angeles, Wilmington
Easy-staple paper	Houston
Economy Binders	Houston
Eldon Base for stack..	Los Angeles

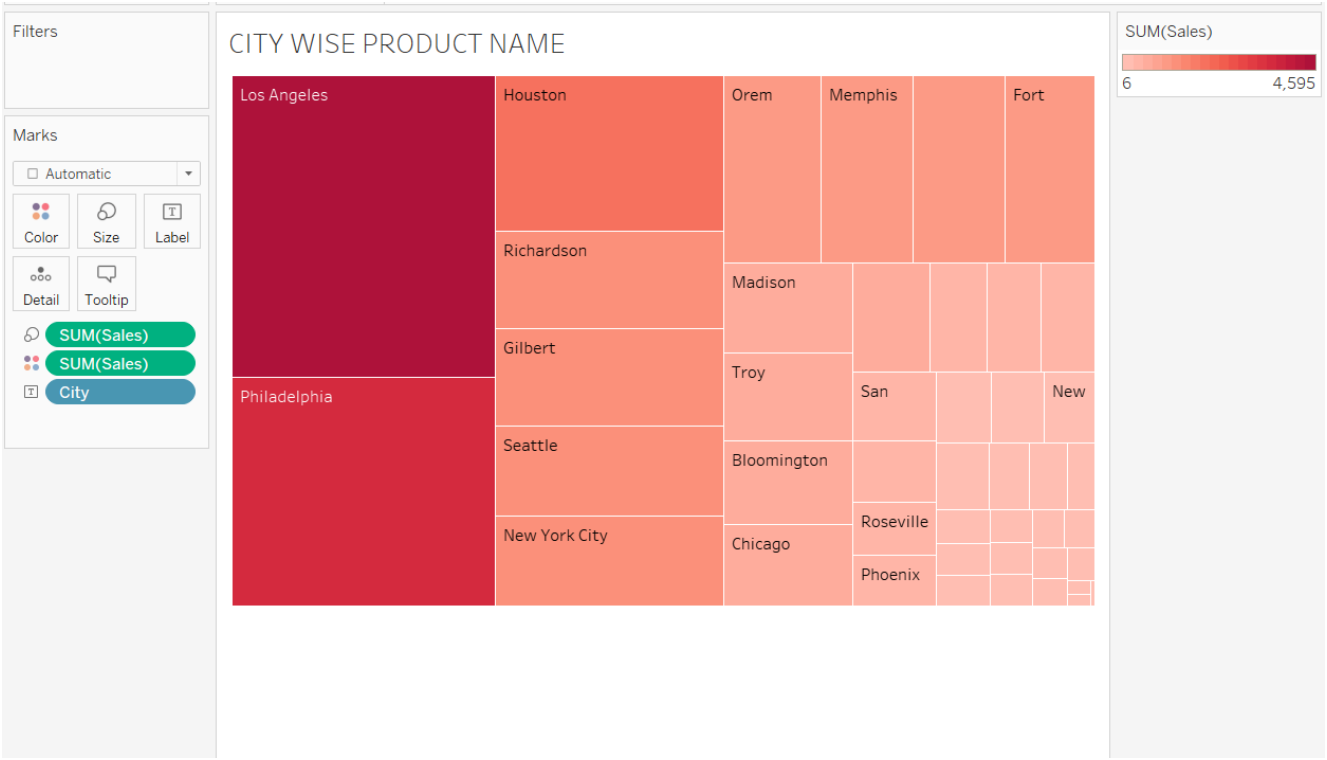
Columns — SUM(Sales)

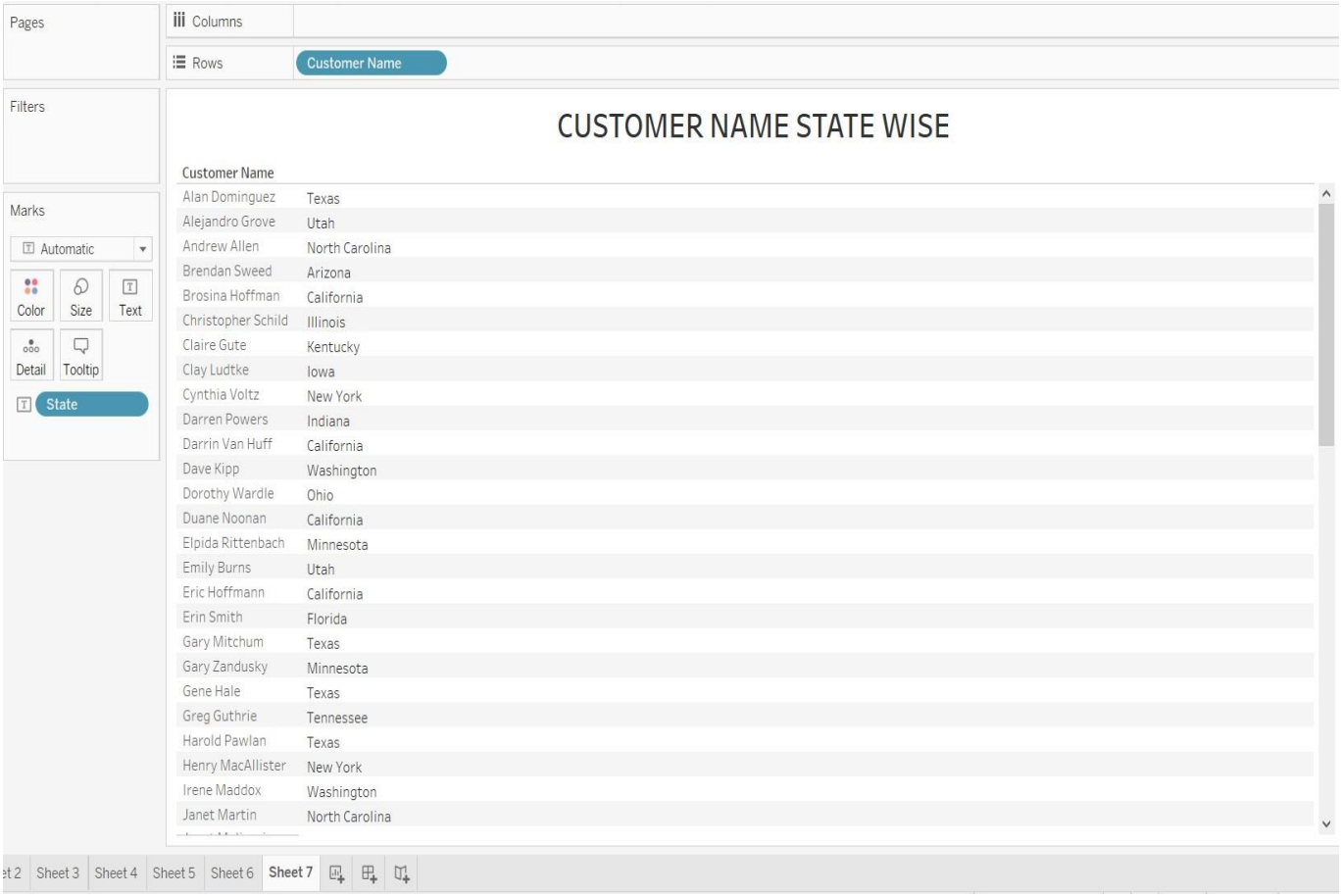
Rows — Customer Name

SUM OF SALES BY EACH CUSTOMER

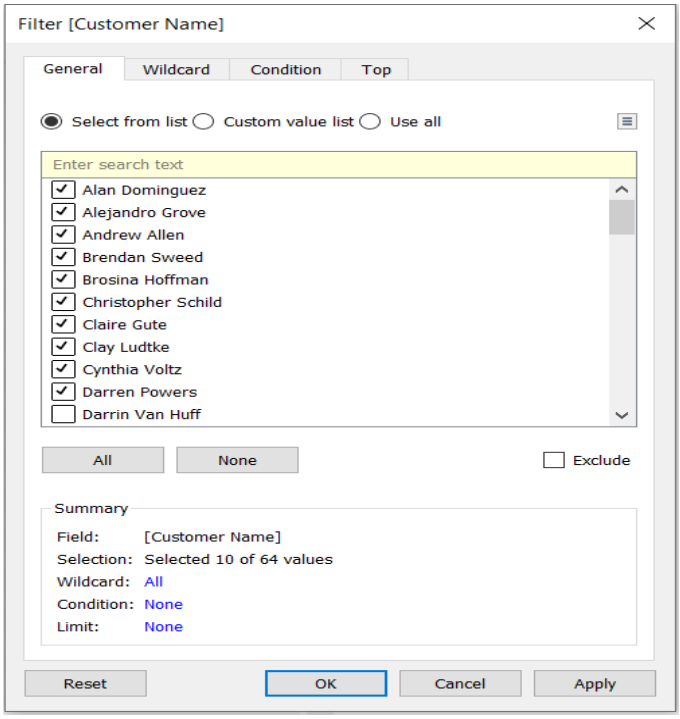


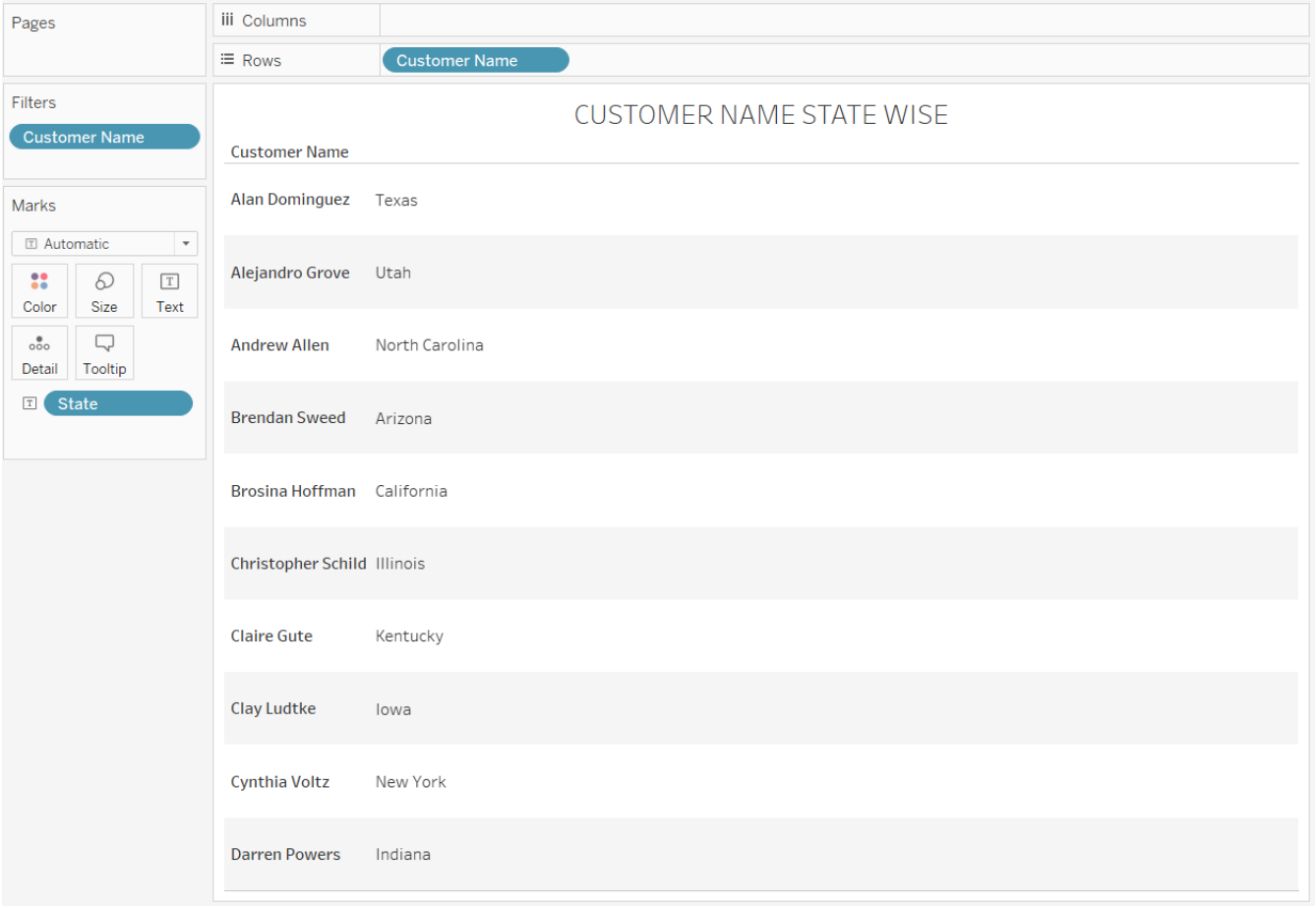
heet 5 | Sheet 6 | Sheet 7


Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(Sales)
SUM(Sales)
City
CITY WISE PRODUCT NAME
Los Angeles
Houston
Orem
Memphis
Fort
Richardson
Madison
Gilbert
Troy
San
New
Philadelphia
Seattle
Bloomington
New York City
Roseville
Chicago
Phoenix
SUM(Sales)
6
4,595

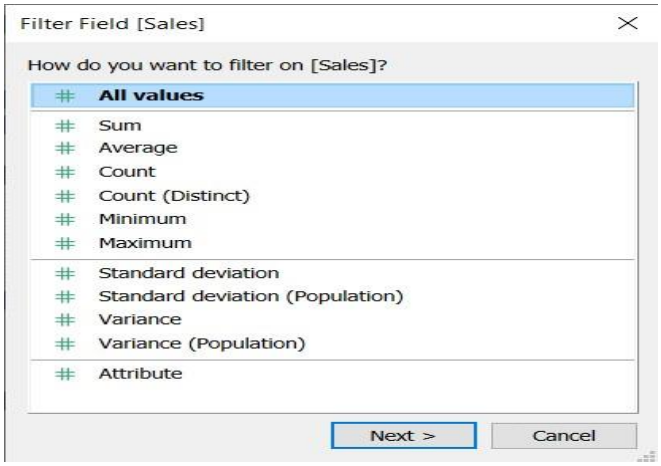

Pages
Columns
Rows
Customer Name
Filters
Marks
Automatic
Color
Size
Text
Detail
Tooltip
State
CUSTOMER NAME STATE WISE
Customer Name
Alan Dominguez Texas
Alejandro Grove Utah
Andrew Allen North Carolina
Brendan Sweed Arizona
Brosina Hoffman California
Christopher Schild Illinois
Claire Gute Kentucky
Clay Ludtke Iowa
Cynthia Voltz New York
Darren Powers Indiana
Darrin Van Huff California
Dave Kipp Washington
Dorothy Wardle Ohio
Duane Noonan California
Elpida Rittenbach Minnesota
Emily Burns Utah
Eric Hoffmann California
Erin Smith Florida
Gary Mitchum Texas
Gary Zandusky Minnesota
Gene Hale Texas
Greg Guthrie Tennessee
Harold Pawlan Texas
Henry MacAllister New York
Irene Maddox Washington
Janet Martin North Carolina
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7

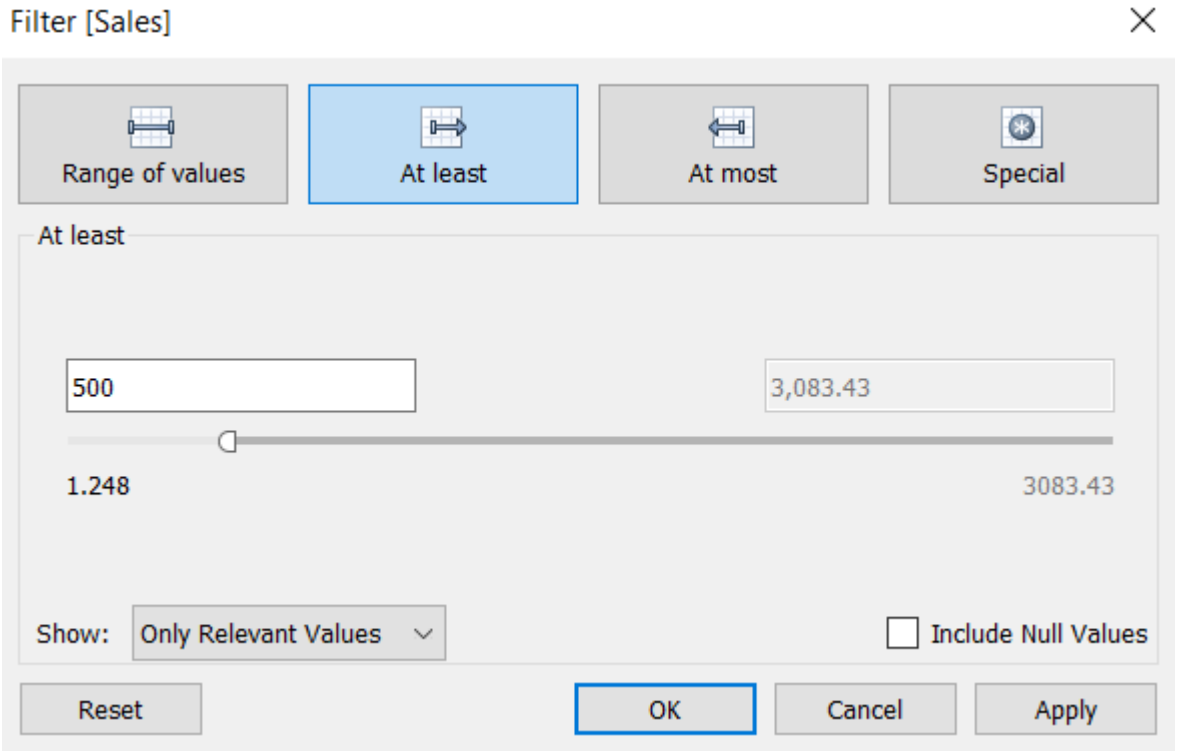
2. Dimensional filter:

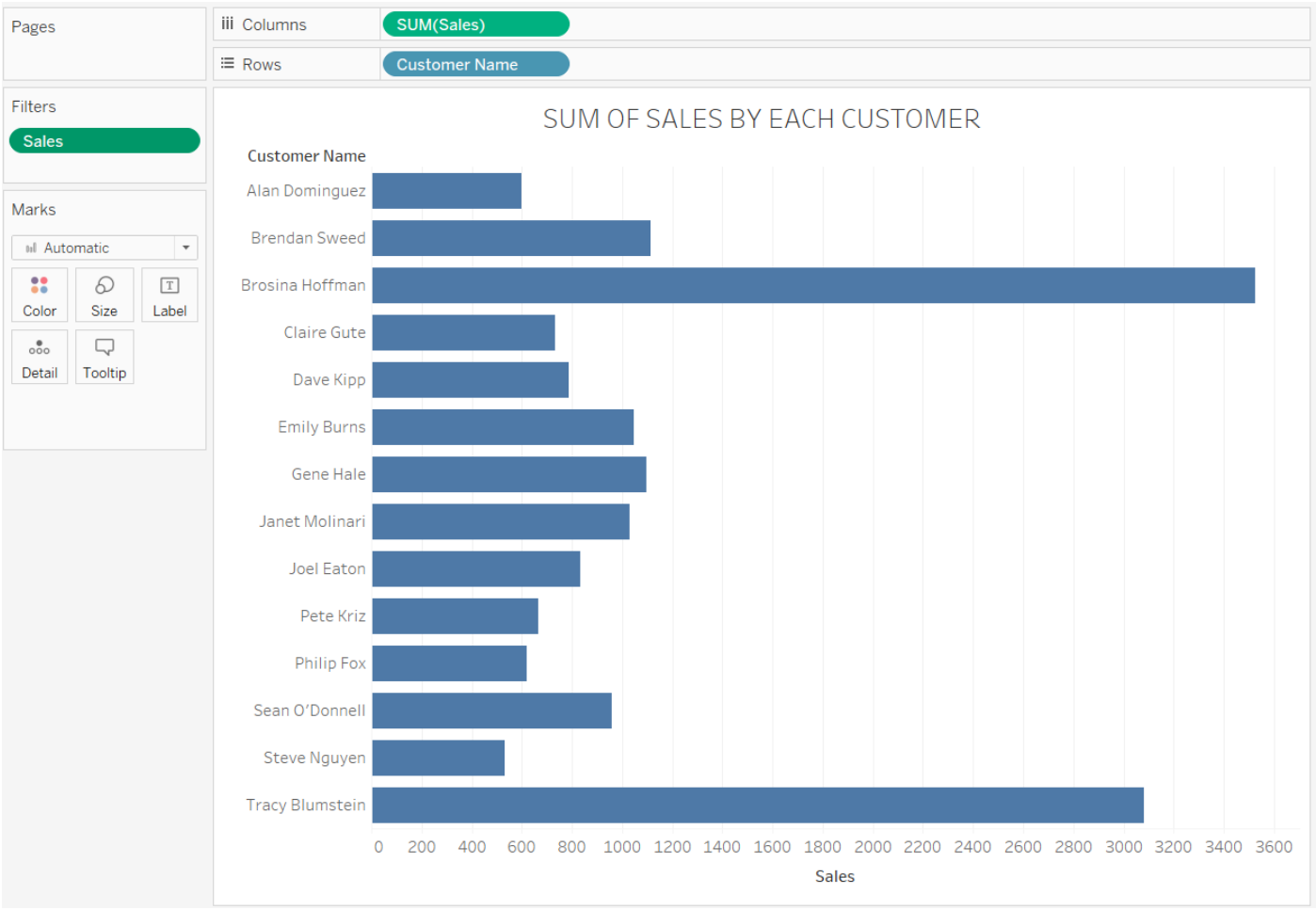




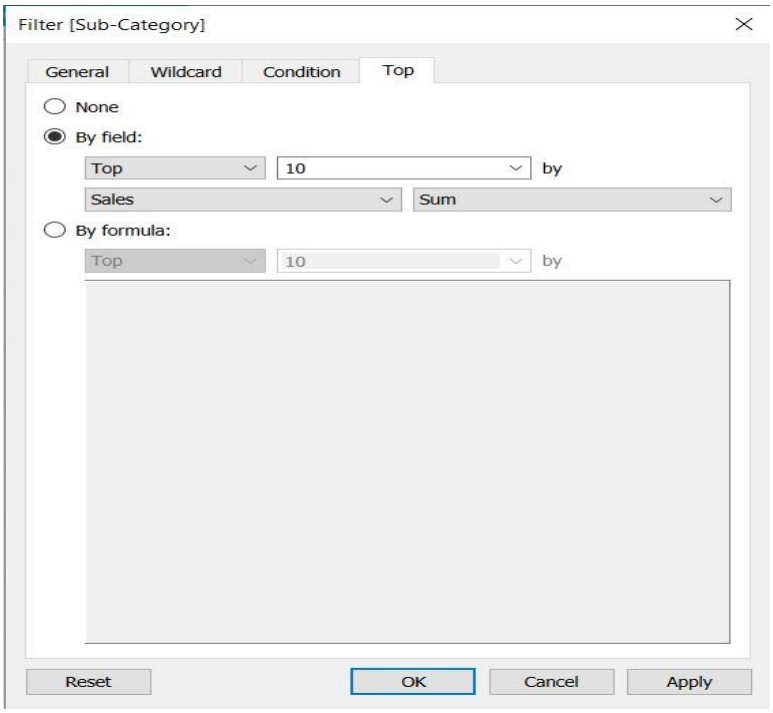
Measure filter:

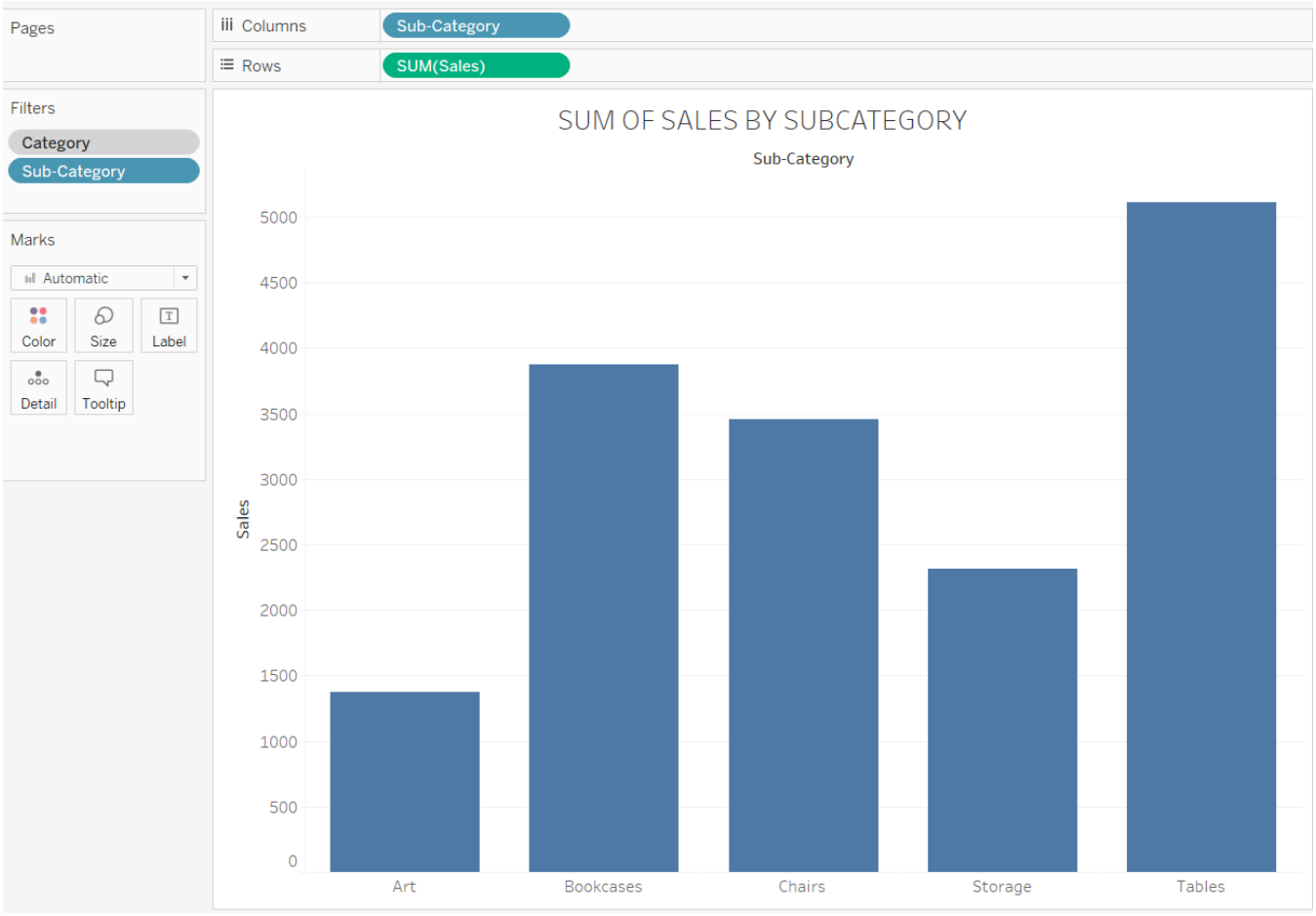





Pages
Columns
SUM(Sales)
Rows
Customer Name
Filters
Sales
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM OF SALES BY EACH CUSTOMER
Customer Name
Alan Dominguez
Brendan Sweed
Brosina Hoffman
Claire Gute
Dave Kipp
Emily Burns
Gene Hale
Janet Molinari
Joel Eaton
Pete Kriz
Philip Fox
Sean O'Donnell
Steve Nguyen
Tracy Blumstein
0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600
Sales

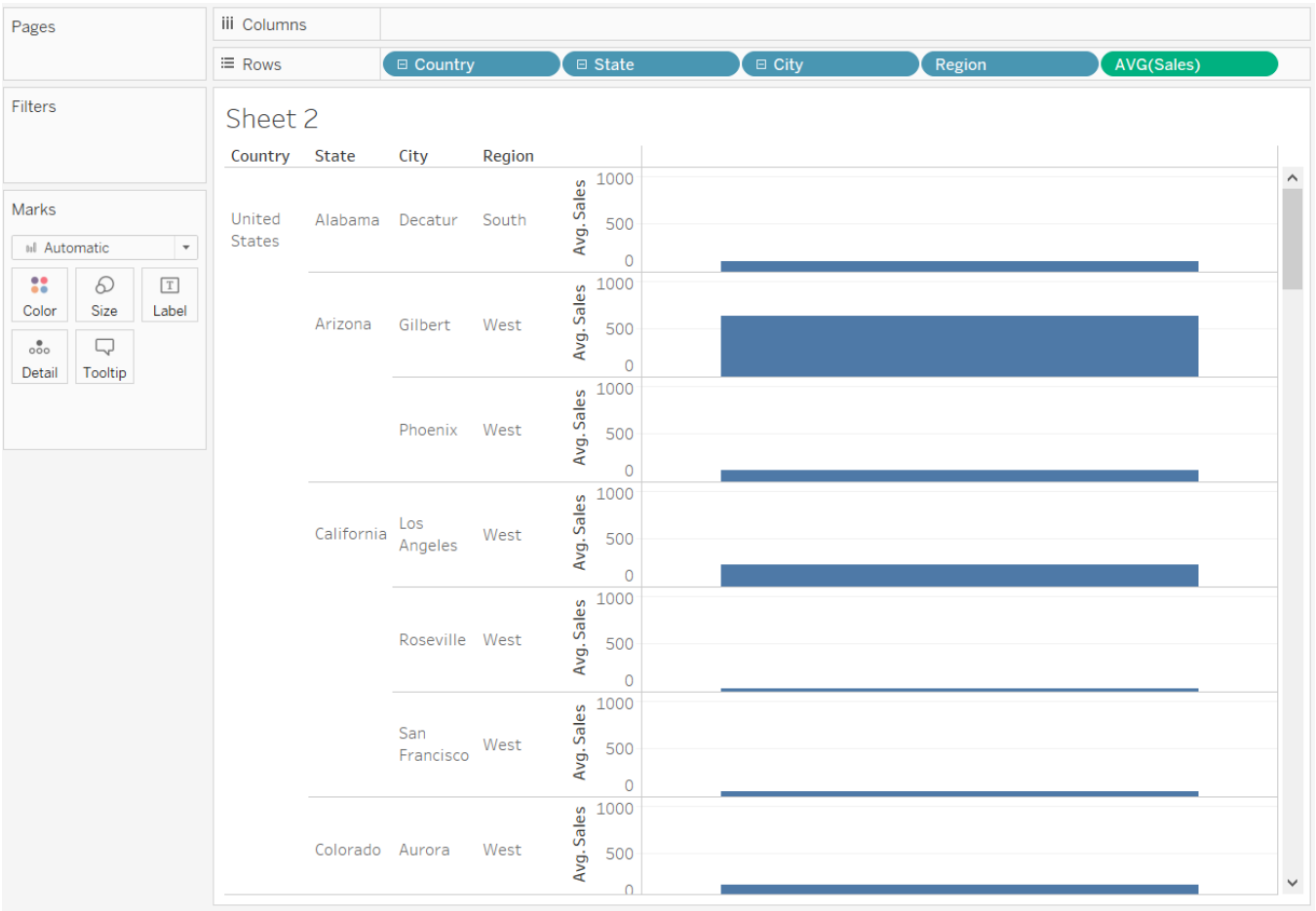
Context filter:





3.

(I). Hierarchy:



(II). Set:

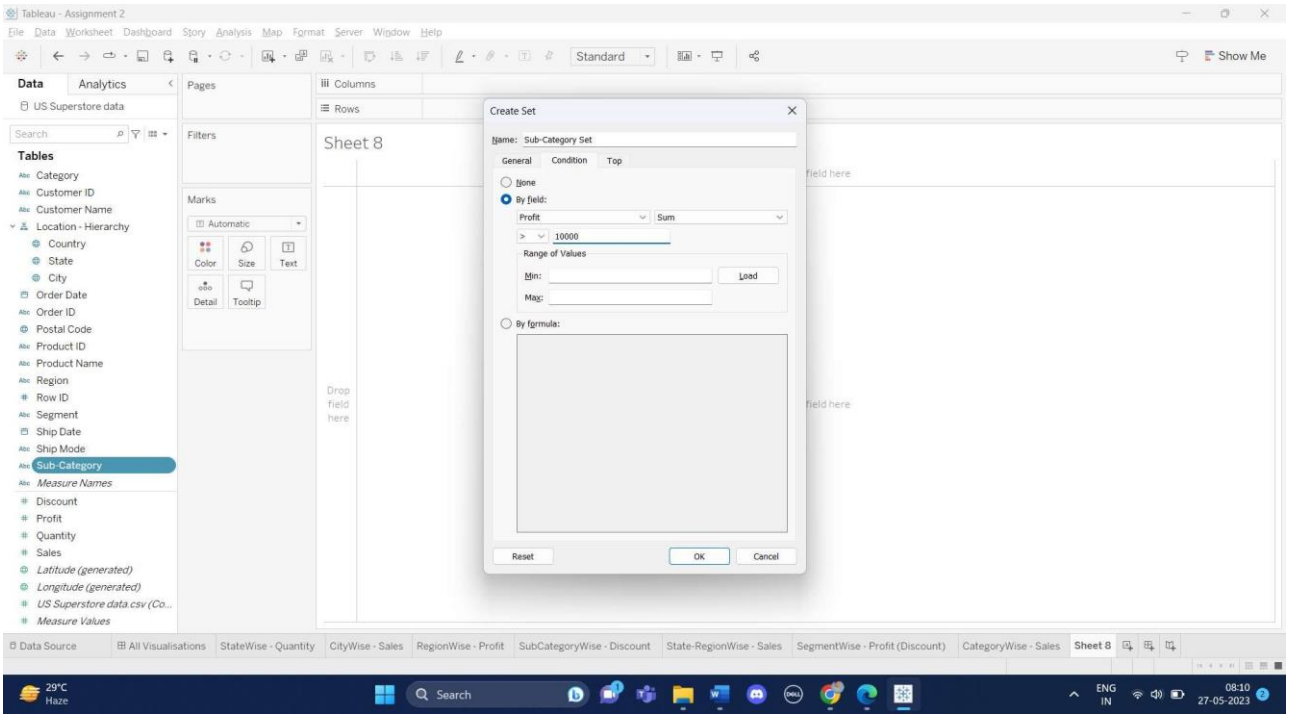
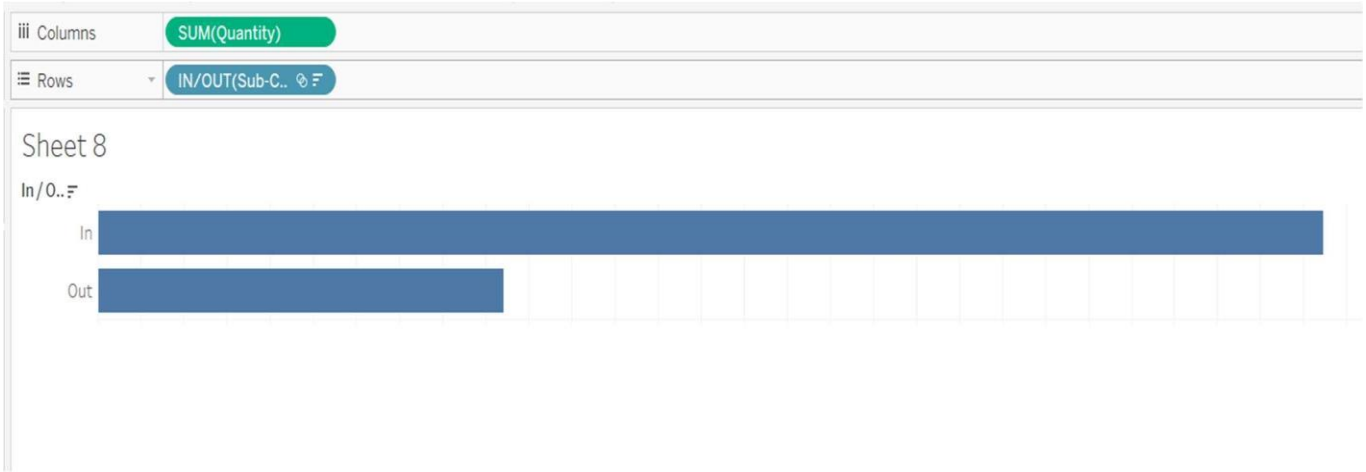


Tableau - Assignment 2
Create Set
Sheet 8


Columns
SUM(Quantity)
Rows
IN/OUT(Sub-C..
Sheet 8
In/O..
In
Out

(III). Group:

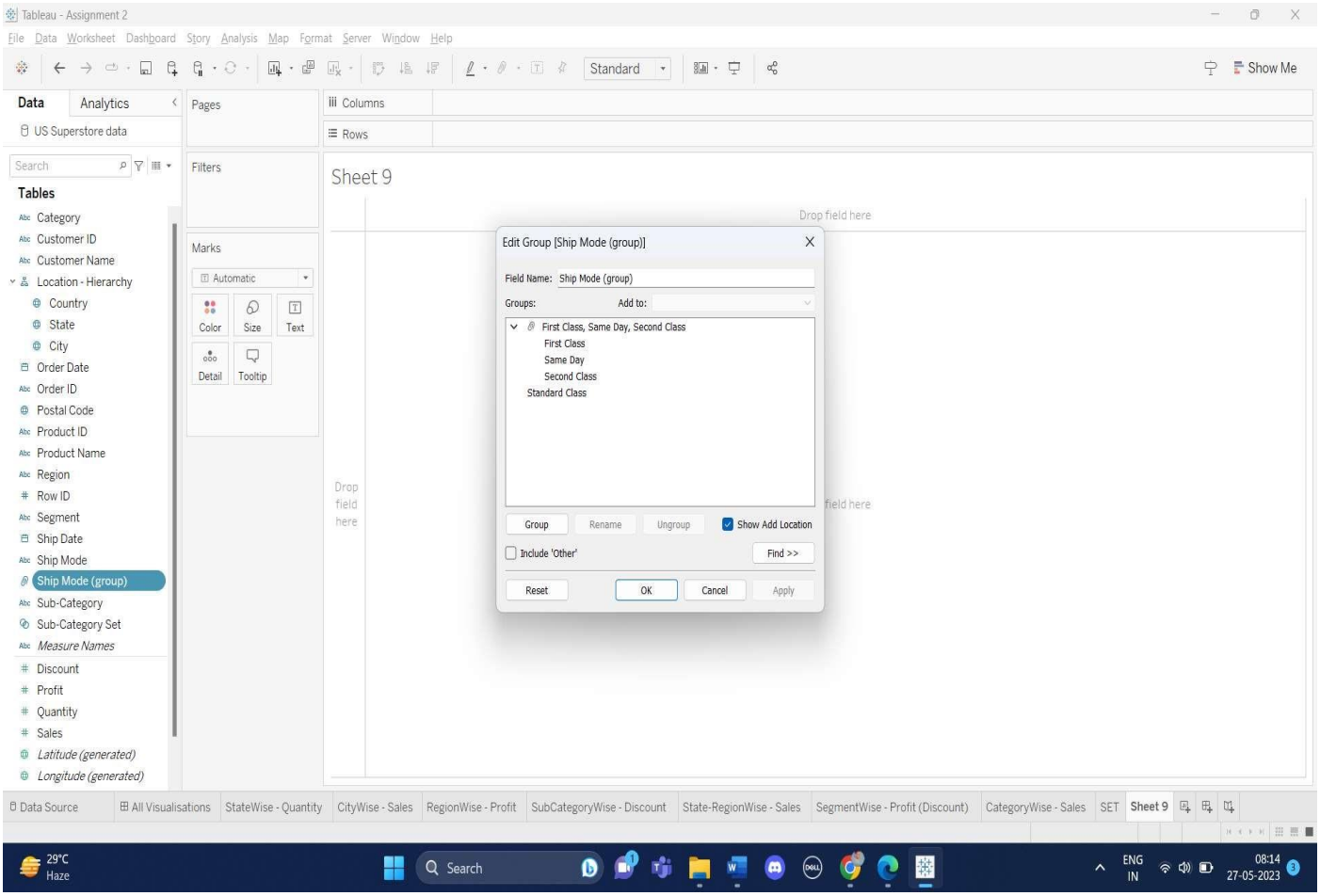
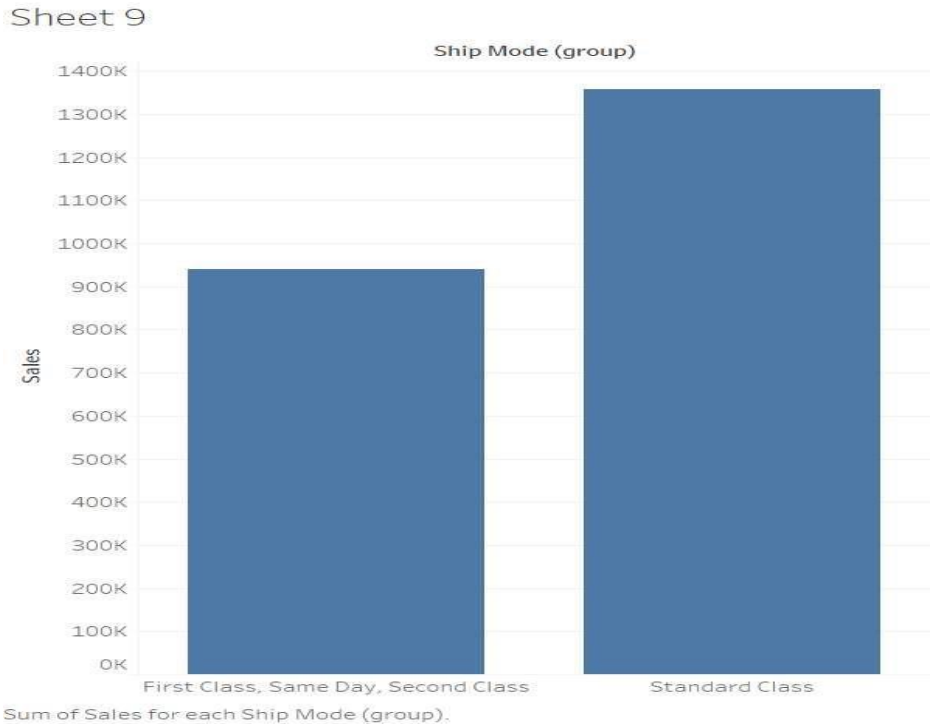


Tableau - Assignment 2
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
US Superstore data
Search
Tables
Category
Customer ID
Customer Name
Location - Hierarchy
Country
State
City
Order Date
Order ID
Postal Code
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
Ship Mode (group)
Sub-Category
Sub-Category Set
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
Pages
Filters
Marks
Automatic
Color
Size
Text
Detail
Tooltip
Columns
Rows
Sheet 9
Drop field here
Edit Group [Ship Mode (group)]
Field Name: Ship Mode (group)
Groups:
Add to:
First Class, Same Day, Second Class
First Class
Same Day
Second Class
Standard Class
Group
Rename
Ungroup
Show Add Location
Include 'Other'
Find >>
Reset
OK
Cancel
Apply
Data Source
All Visualisations
StateWise - Quantity
CityWise - Sales
RegionWise - Profit
SubCategoryWise - Discount
State-RegionWise - Sales
SegmentWise - Profit (Discount)
CategoryWise - Sales
SET
Sheet 9
29°C
Haze
Search
ENG
IN
08:14
27-05-2023


Sheet 9
Ship Mode (group)
1400K
1300K
1200K
1100K
1000K
900K
800K
700K
600K
500K
400K
300K
200K
100K
0K
Sales
First Class, Same Day, Second Class
Standard Class
Sum of Sales for each Ship Mode (group).