20BCE1651
SPARSH WABHALE

22-05-2023

SMARTBRIDGE EXTERNSHIP – DATA ANALYTICS

ASSIGNMENT -1

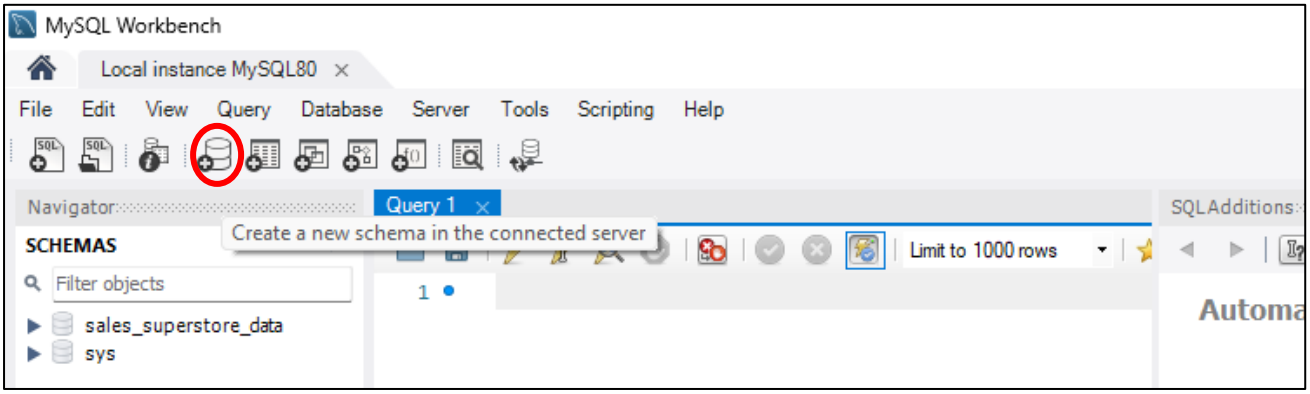
Assignment -1

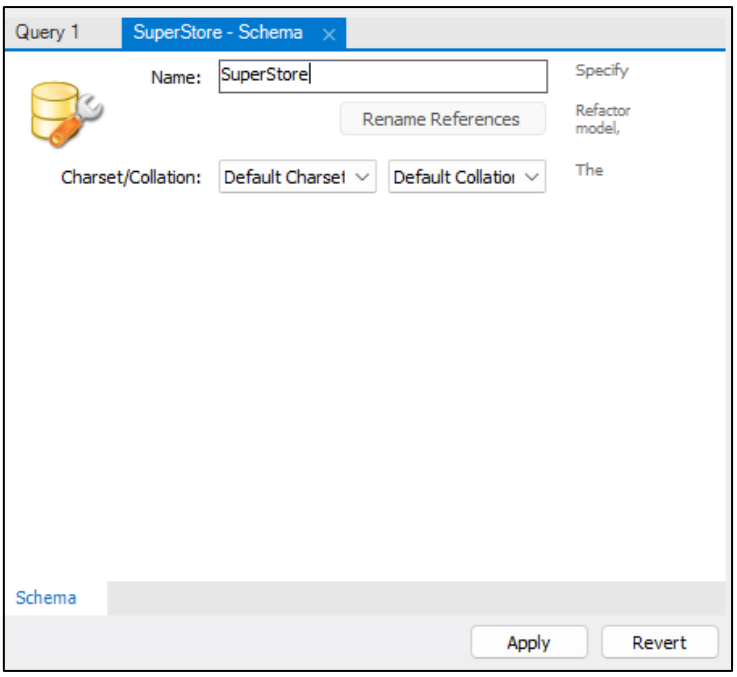
1) Download tableau desktop & Mysql in your PC or laptop
2) Create a new schema in your Mysql workbench and upload your data
3) Connect your Mysql and Tableau
4) Create the below 5 charts/plots
   - Bar chart
   - Tree map
   - Heatmap
   - Pie chart
   - Horizontal bar chart

You can use superstore dataset

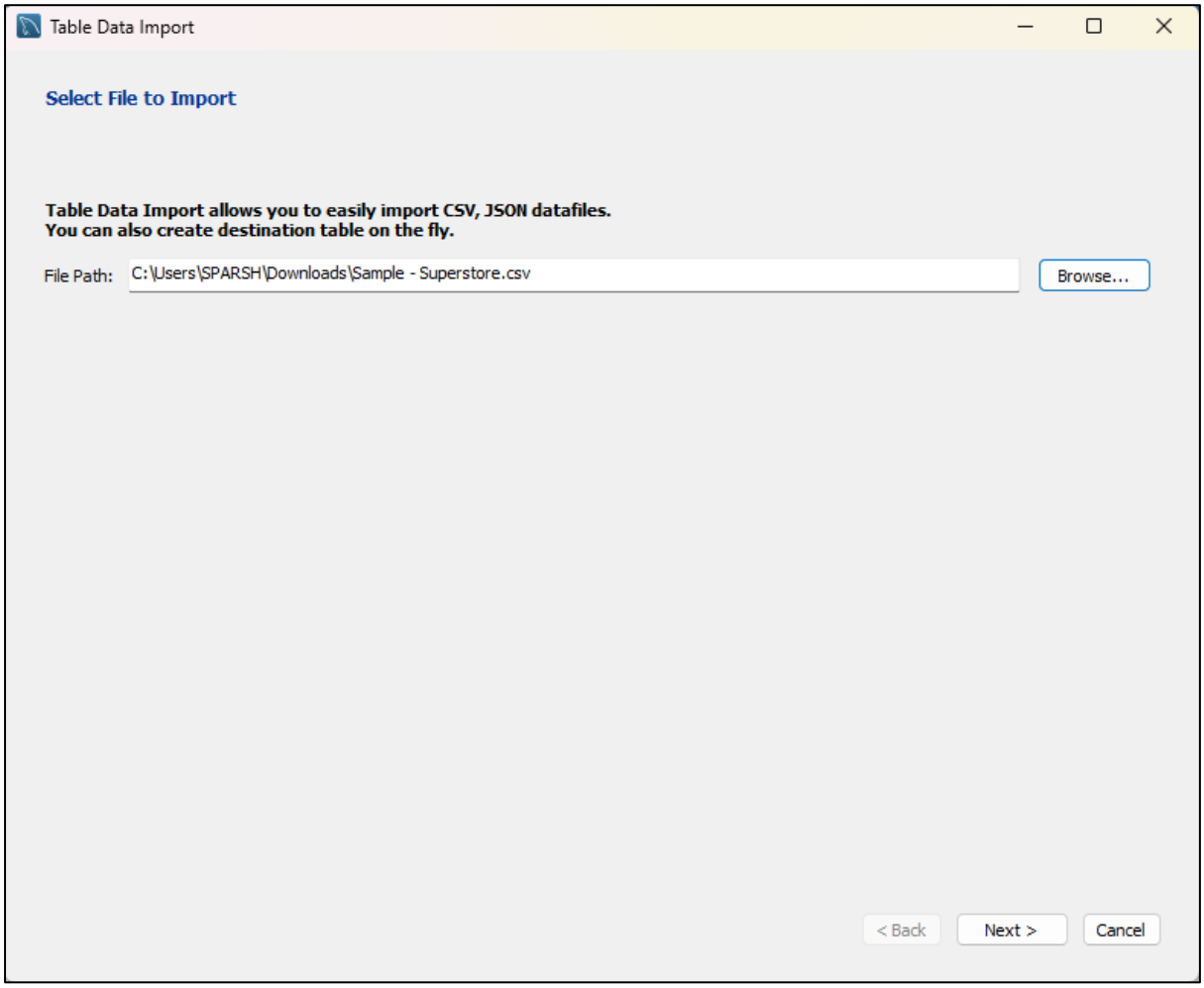
1) Downloaded Tableau and Mysql in my laptop

2) Create a new Schema

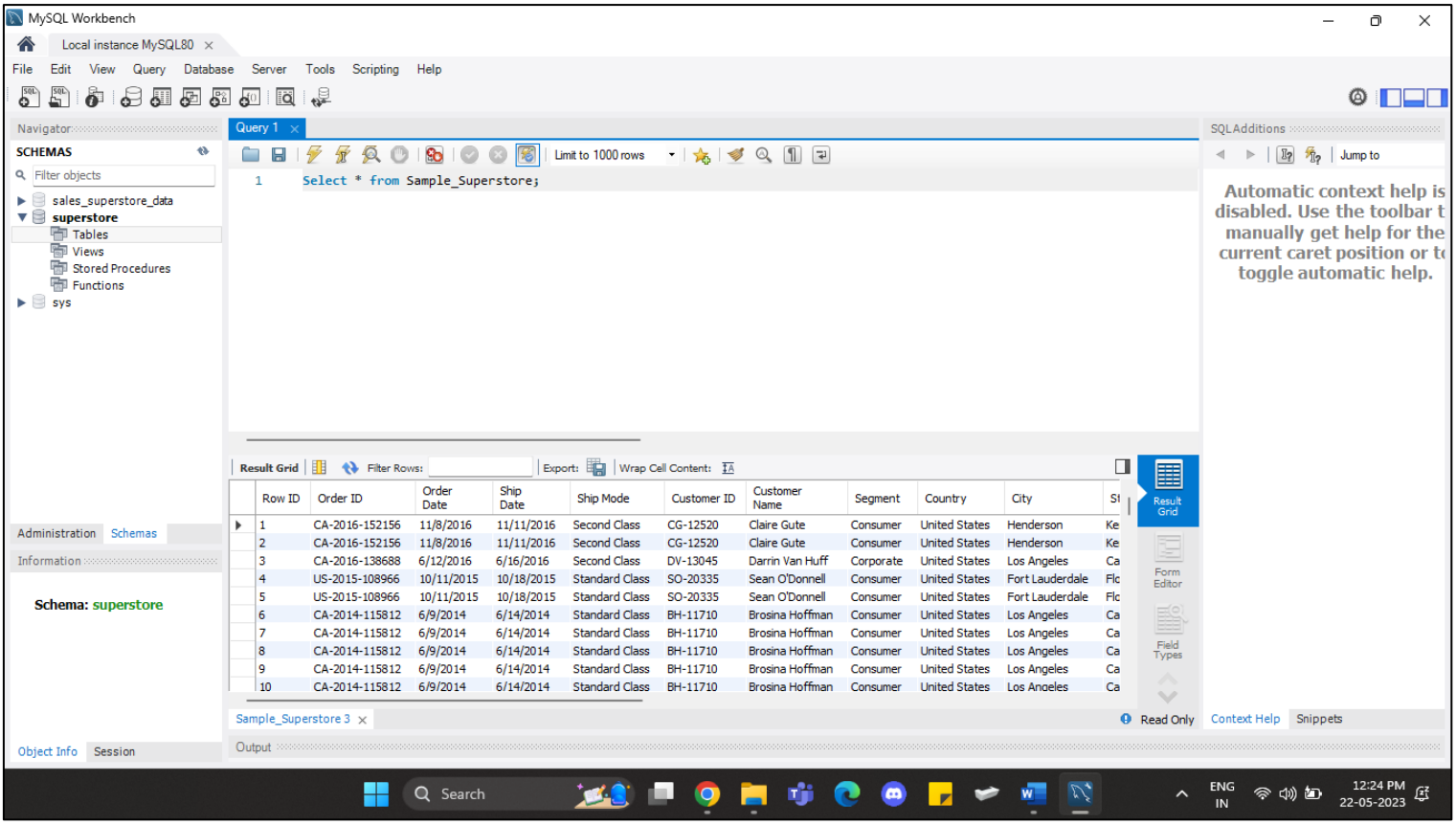




Upload Table into the schema



Imported table into the schema



3) Connecting Tableau to Mysql

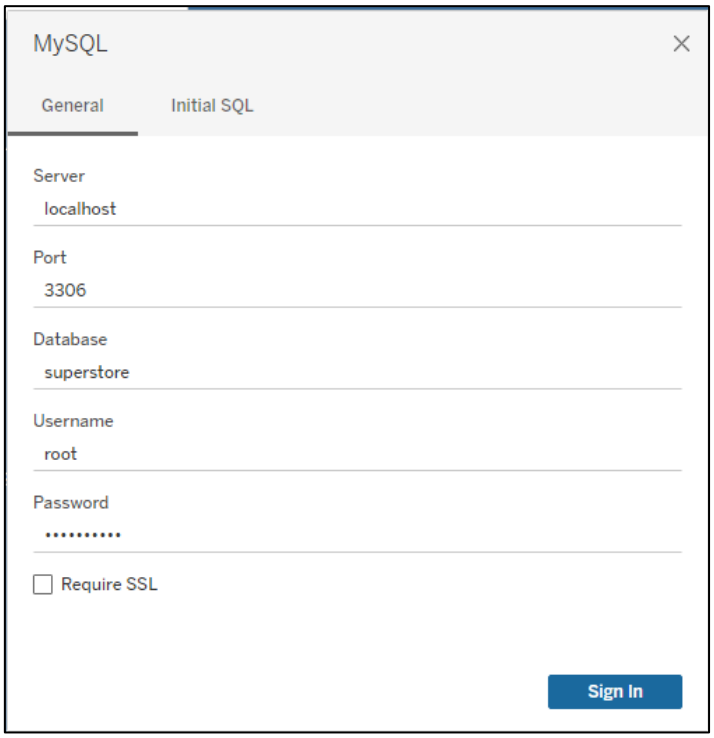
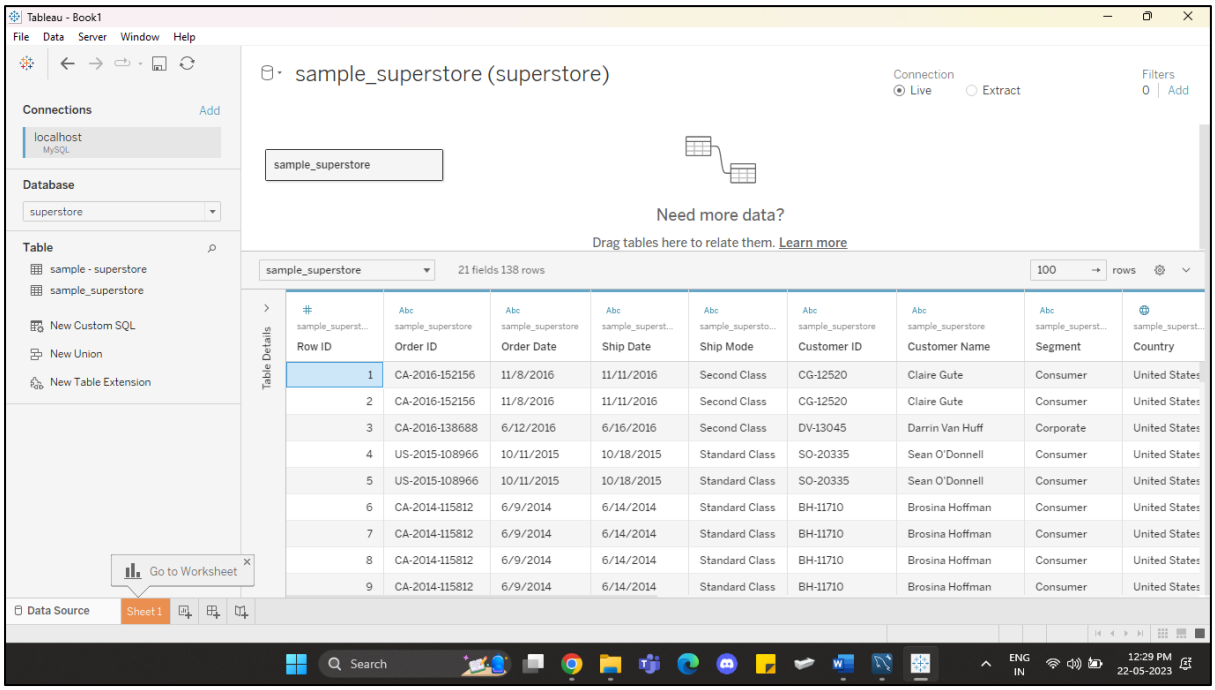
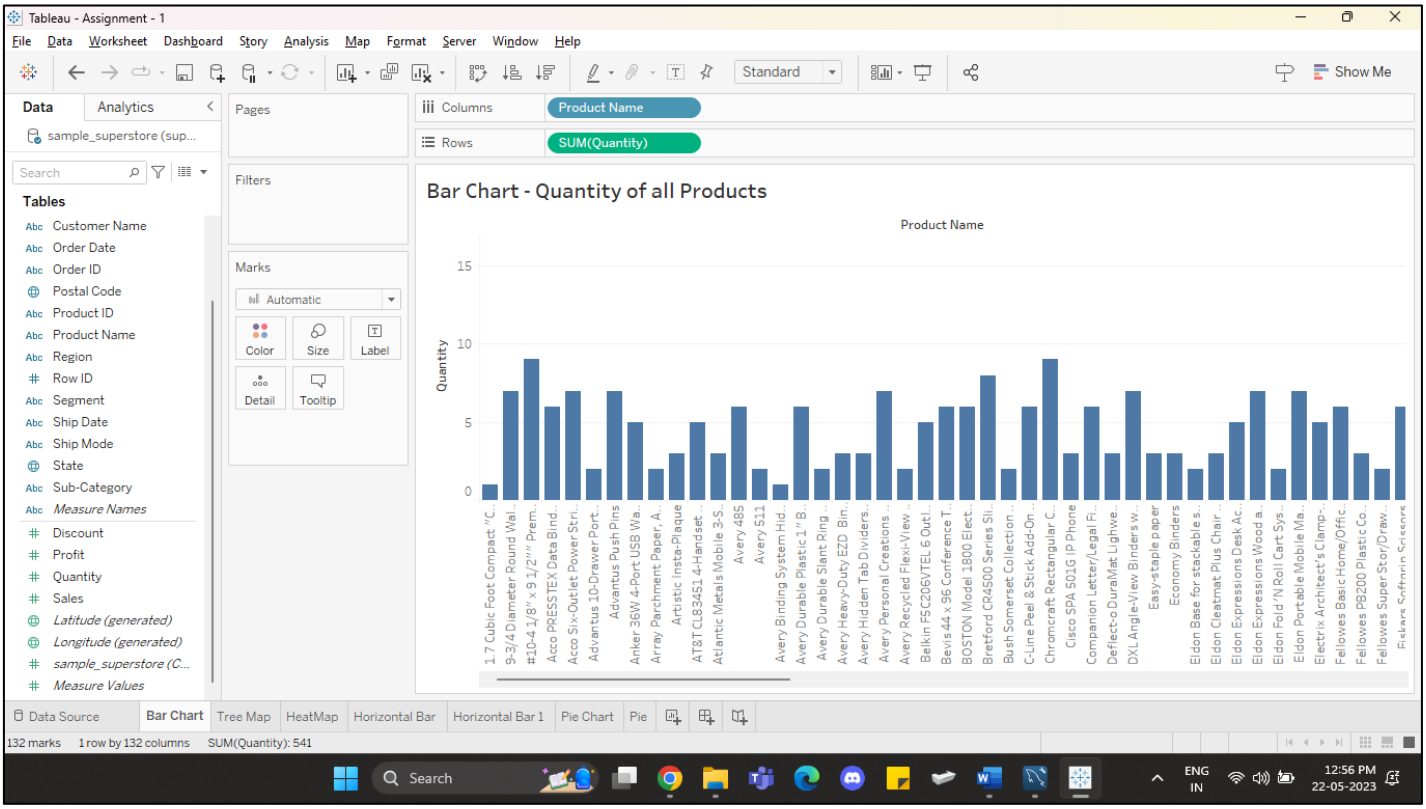


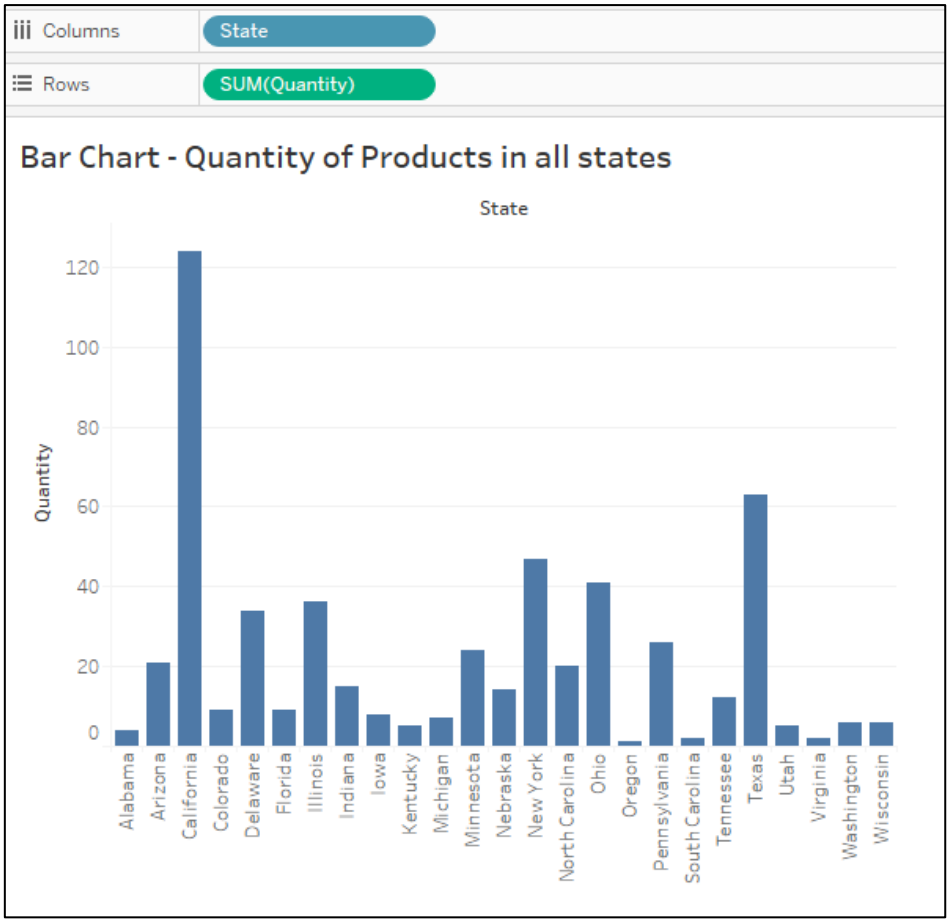
Tableau connected to MySQL and contains the table uploaded in schema superstore which was created earlier in task 2 of the assignment.



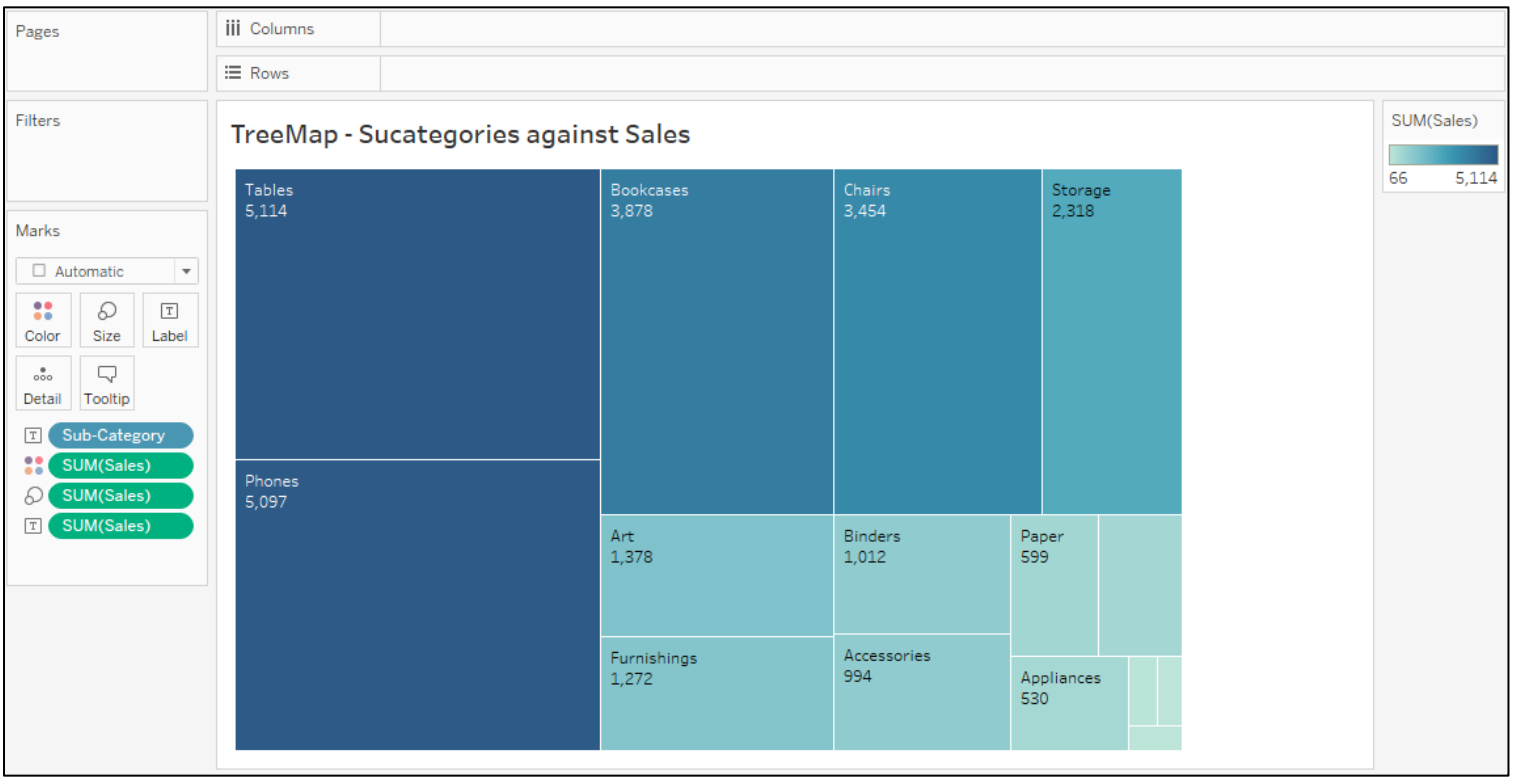
4) Create the below 5 charts/plots

- Bar chart

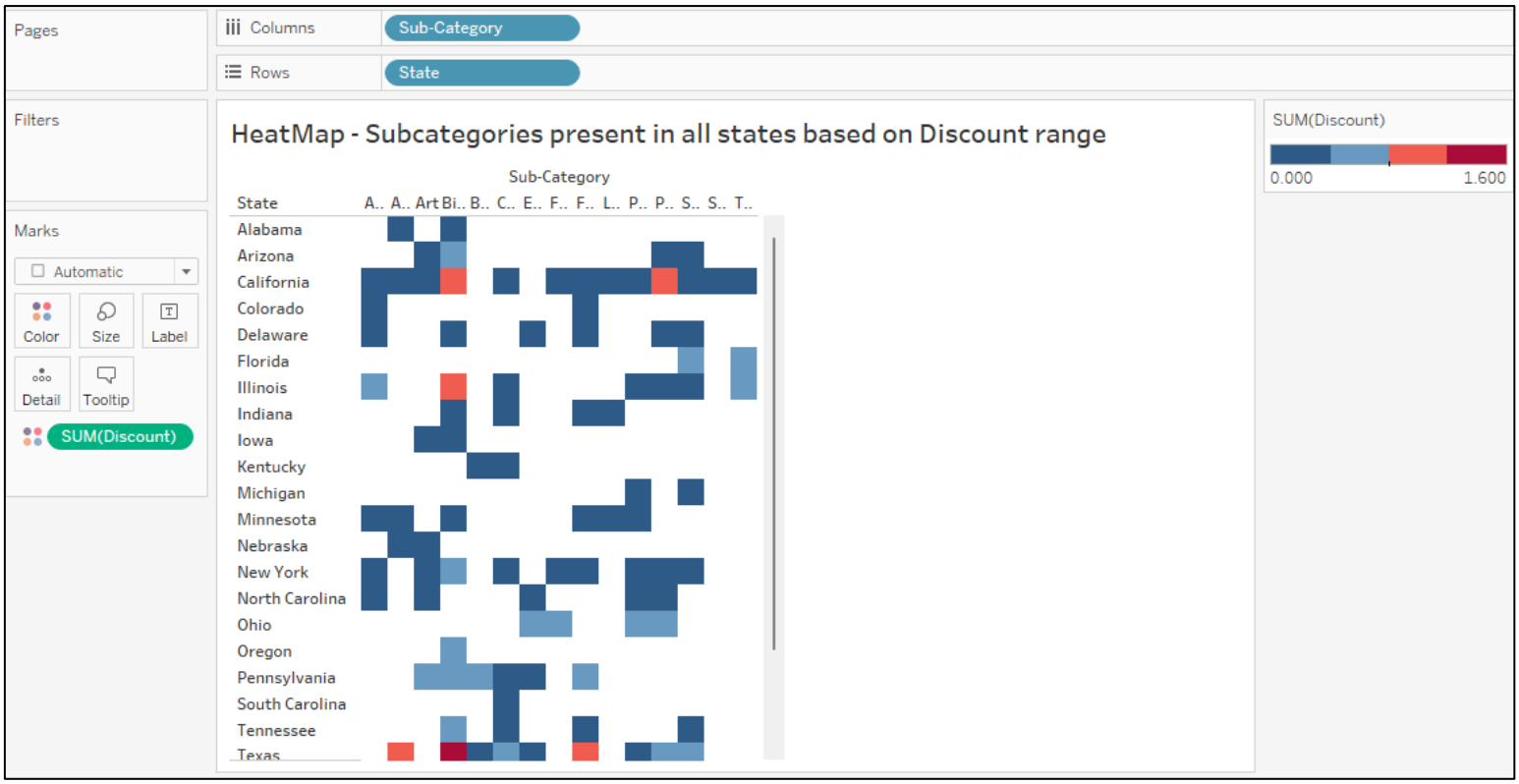



Columns
State
Rows
SUM(Quantity)
Bar Chart - Quantity of Products in all states
State
Quantity
120
100
80
60
40
20
0
Alabama
Arizona
California
Colorado
Delaware
Florida
Illinois
Indiana
Iowa
Kentucky
Michigan
Minnesota
Nebraska
New York
North Carolina
Ohio
Oregon
Pennsylvania
South Carolina
Tennessee
Texas
Utah
Virginia
Washington
Wisconsin

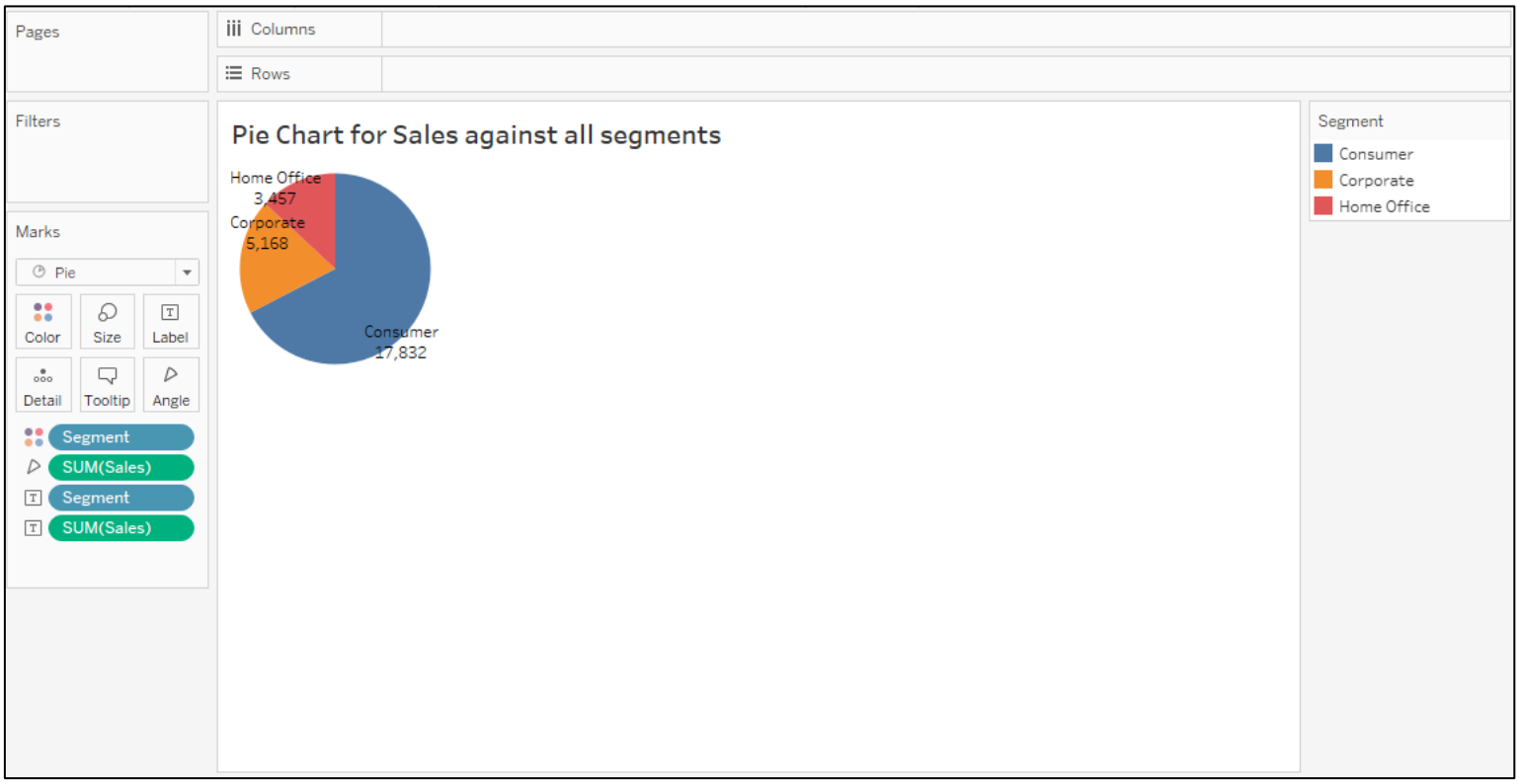
- Tree map

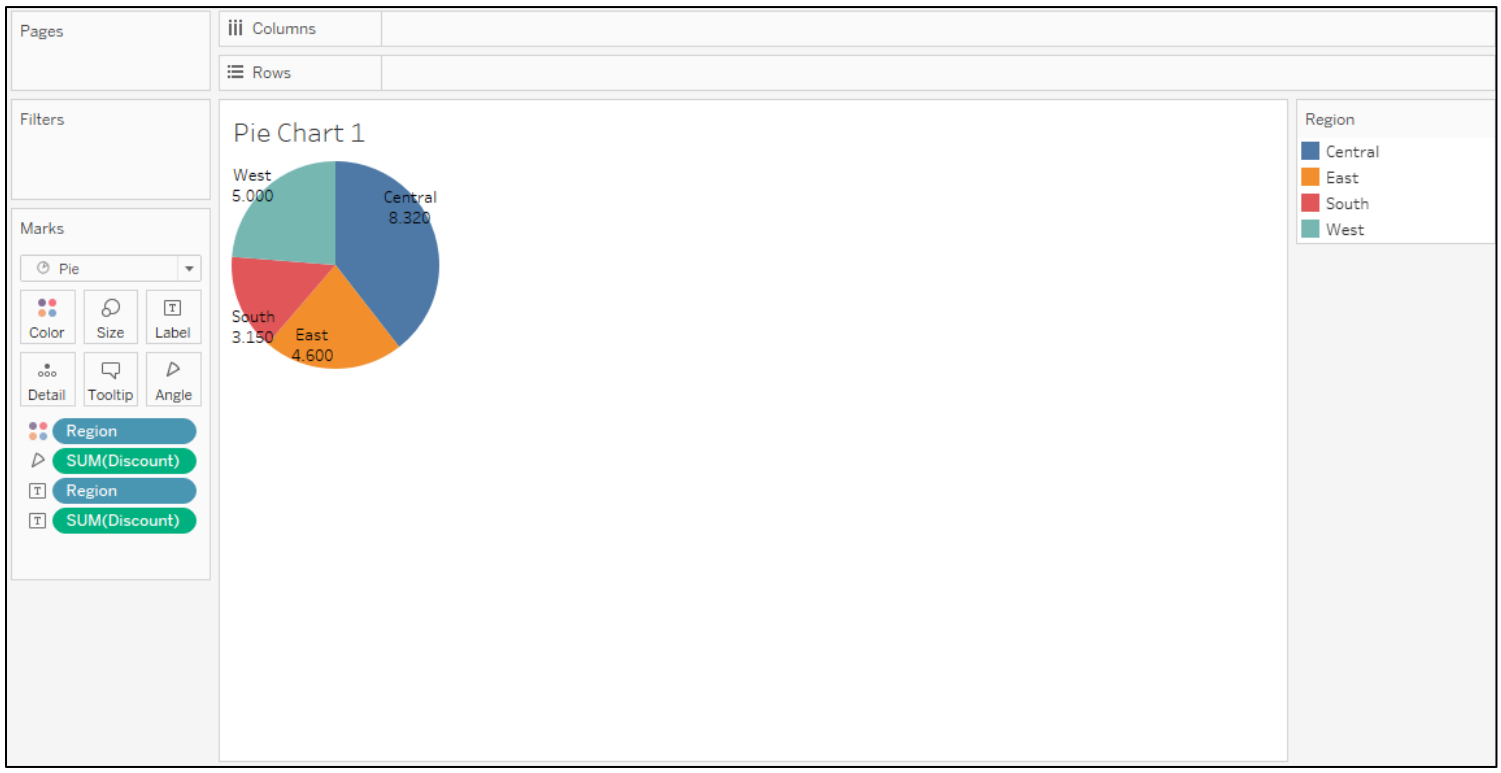

Pages
Columns
Rows
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Sub-Category
SUM(Sales)
SUM(Sales)
SUM(Sales)
TreeMap - Sucategories against Sales
Tables
5,114
Bookcases
3,878
Chairs
3,454
Storage
2,318
Phones
5,097
Art
1,378
Binders
1,012
Paper
599
Furnishings
1,272
Accessories
994
Appliances
530
SUM(Sales)
66
5,114

- Heatmap

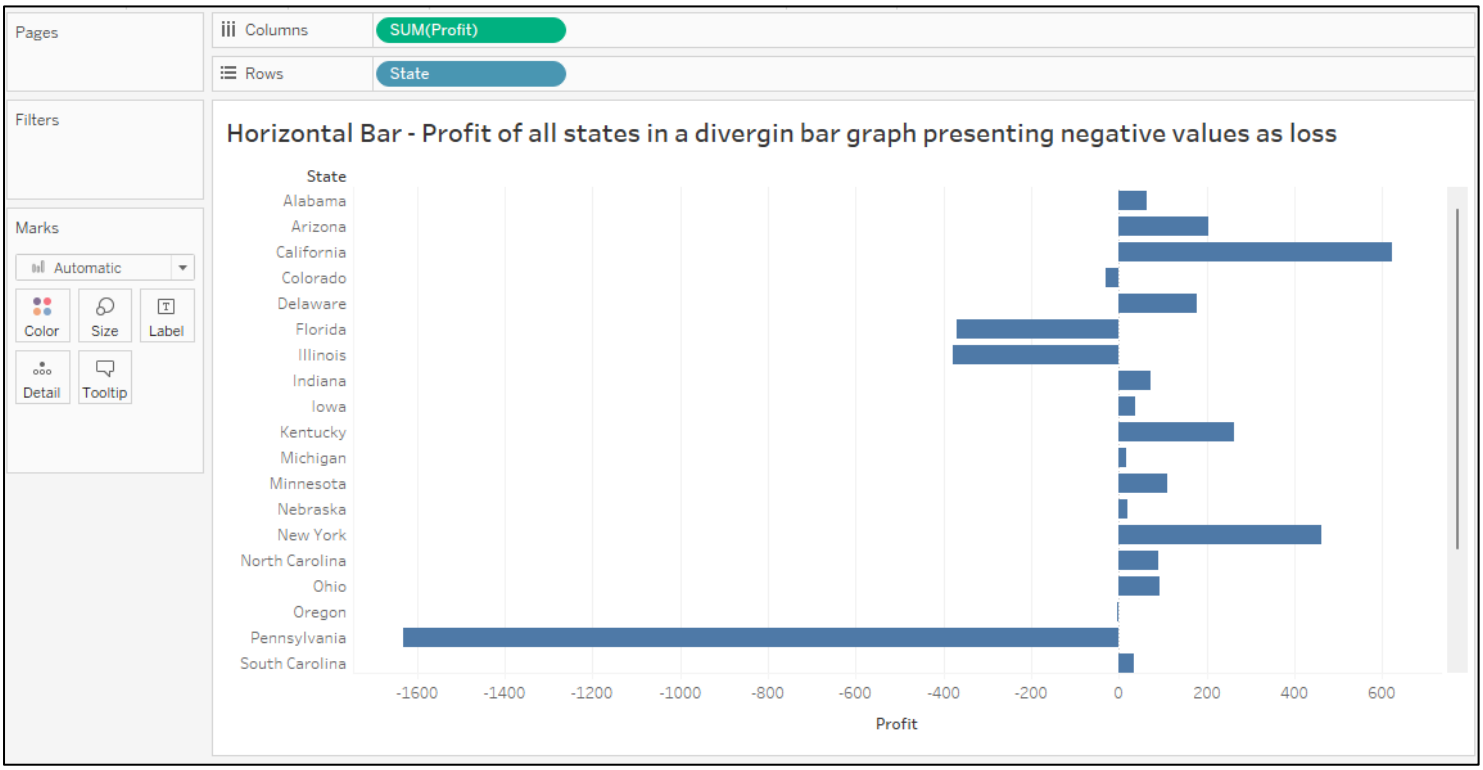


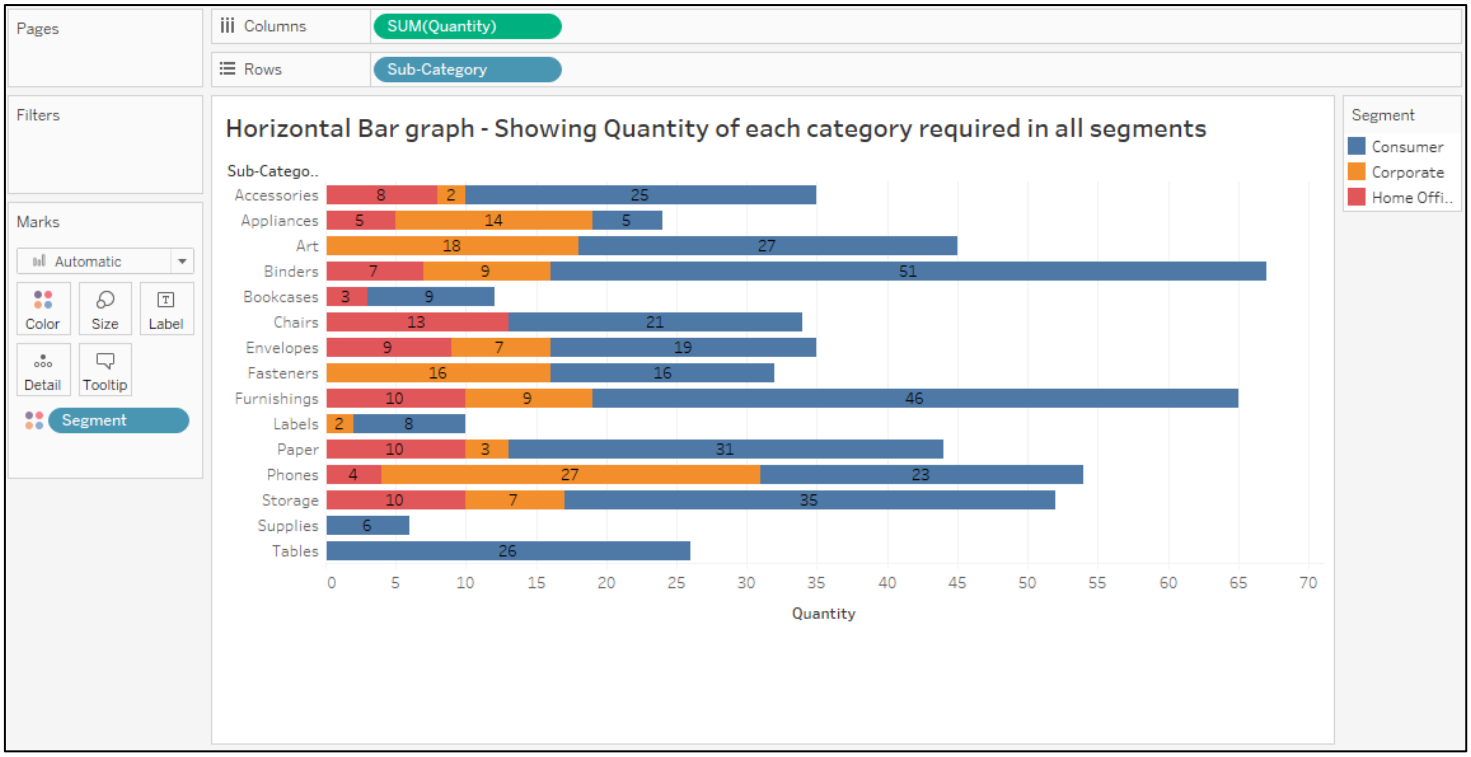
- Pie chart





- Horizontal bar chart




Pages
Columns
SUM(Quantity)
Rows
Sub-Category
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Segment
Horizontal Bar graph - Showing Quantity of each category required in all segments
Sub-Catego..
Accessories 8 2 25
Appliances 5 14 5
Art 18 27
Binders 7 9 51
Bookcases 3 9
Chairs 13 21
Envelopes 9 7 19
Fasteners 16 16
Furnishings 10 9 46
Labels 2 8
Paper 10 3 31
Phones 4 27 23
Storage 10 7 35
Supplies 6
Tables 26
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Quantity
Segment
Consumer
Corporate
Home Offi..