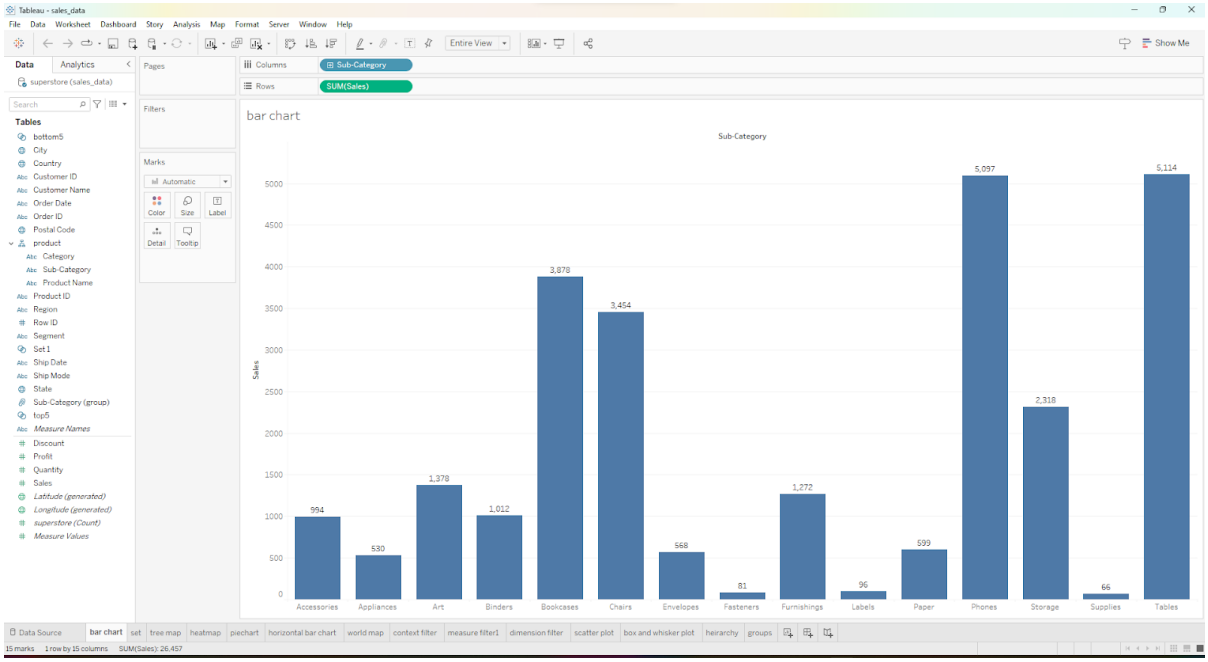
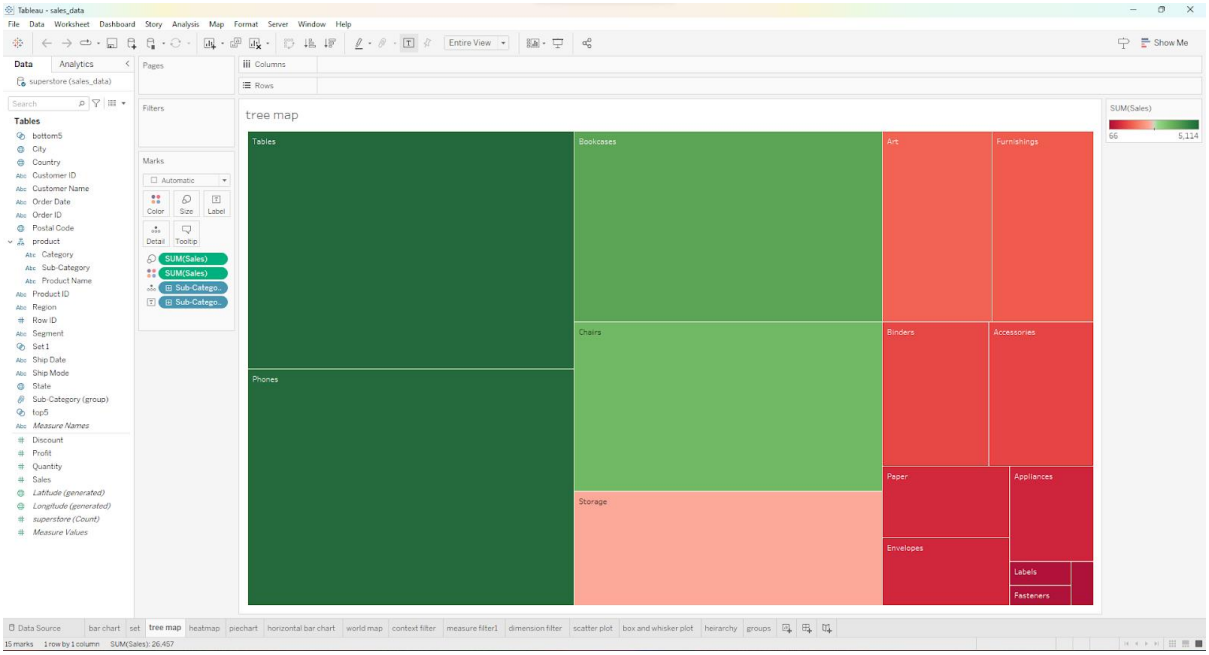
Assignment -2

Harsh Nayak -20bce10876

Perform the following data manipulations on your dataset

- **create a Hierarchy**
- **create a set**
- **create a group**





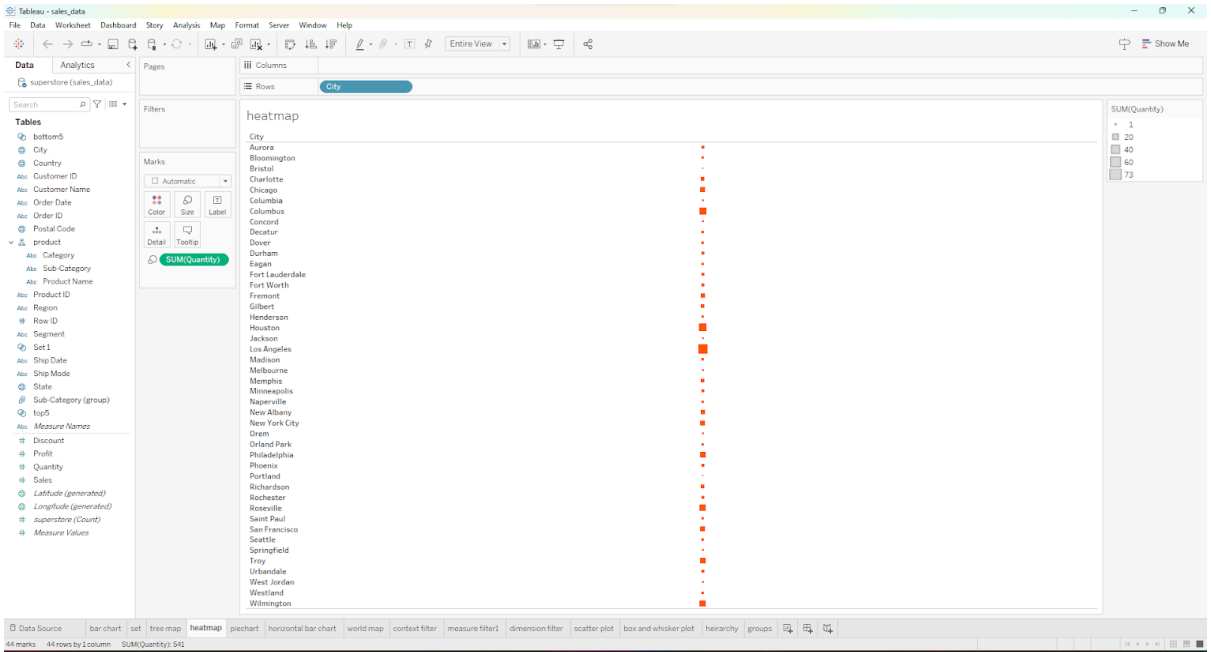


Tableau - sales_data
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Data Analytics
superstore (sales_data)
Tables
bottom5
City
Country
Customer ID
Customer Name
Order Date
Order ID
Postal Code
product
Category
Sub-Category
Product Name
Product ID
Region
Row ID
Segment
Set 1
Ship Date
Ship Mode
State
Sub-Category (group)
top5
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
superstore (Count)
Measure Values
Pages
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(Quantity)
Columns
Rows
City
heatmap
City
Aurora
Bloomington
Bristol
Charlotte
Chicago
Columbia
Columbus
Concord
Decatur
Dover
Durham
Eagan
Fort Lauderdale
Fort Worth
Fremont
Gilbert
Henderson
Houston
Jackson
Los Angeles
Madison
Melbourne
Memphis
Minneapolis
Naperville
New Albany
New York City
Orem
Orland Park
Philadelphia
Phoenix
Portland
Richardson
Rochester
Roseville
Saint Paul
San Francisco
Seattle
Springfield
Troy
Urbandale
West Jordan
Westland
Wilmington
SUM(Quantity)
1
20
40
60
73
Data Source
bar chart
set
tree map
heatmap
piechart
horizontal bar chart
world map
context filter
measure filter1
dimension filter
scatter plot
box and whisker plot
heirarchy
groups
44 marks
44 rows by 1 column
SUM(Quantity): 541

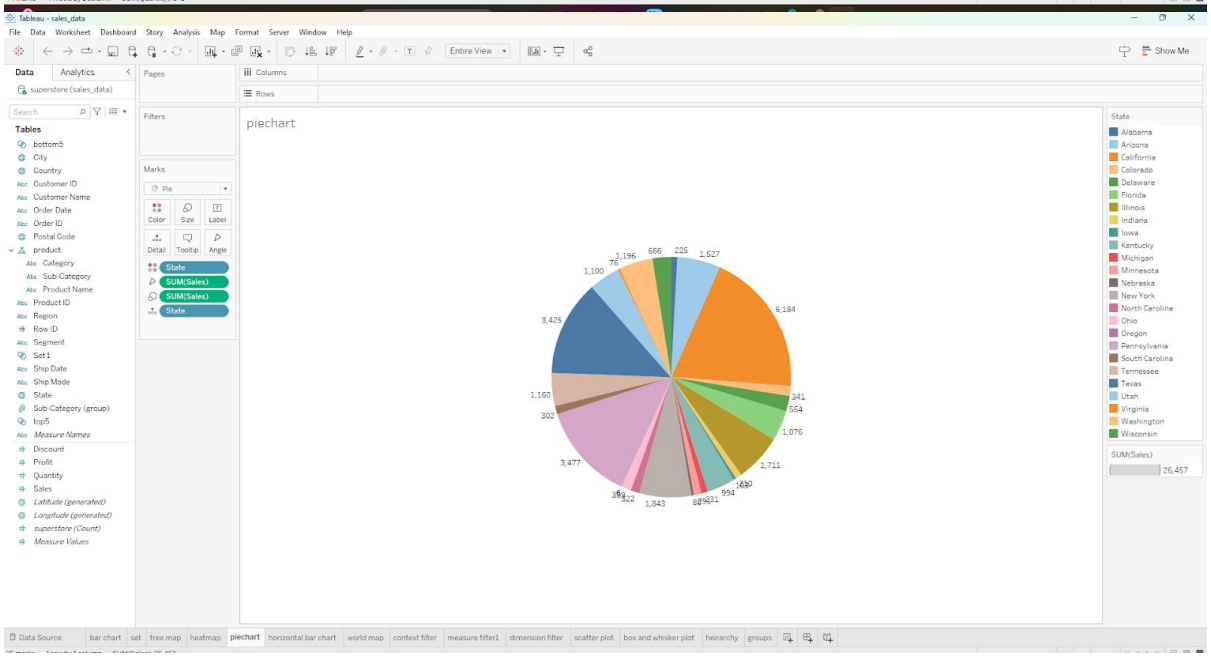


Tableau - sales_data
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Data Analytics
superstore (sales_data)
Tables
bottom5
City
Country
Customer ID
Customer Name
Order Date
Order ID
Postal Code
product
Category
Sub-Category
Product Name
Product ID
Region
Row ID
Segment
Set 1
Ship Date
Ship Mode
State
Sub-Category (group)
top5
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
superstore (Count)
Measure Values
Pages
Filters
Marks
Pie
Color
Size
Label
Detail
Tooltip
Angle
State
SUM(Sales)
SUM(Sales)
State
Columns
Rows
piechart
1,196
666
225
1,527
1,100
76
5,184
3,425
1,160
341
554
302
1,076
3,477
1,711
1,843
994
State
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
SUM(Sales)
26,457
Data Source
bar chart
set
tree map
heatmap
piechart
horizontal bar chart
world map
context filter
measure filter1
dimension filter
scatter plot
box and whisker plot
heirarchy
groups

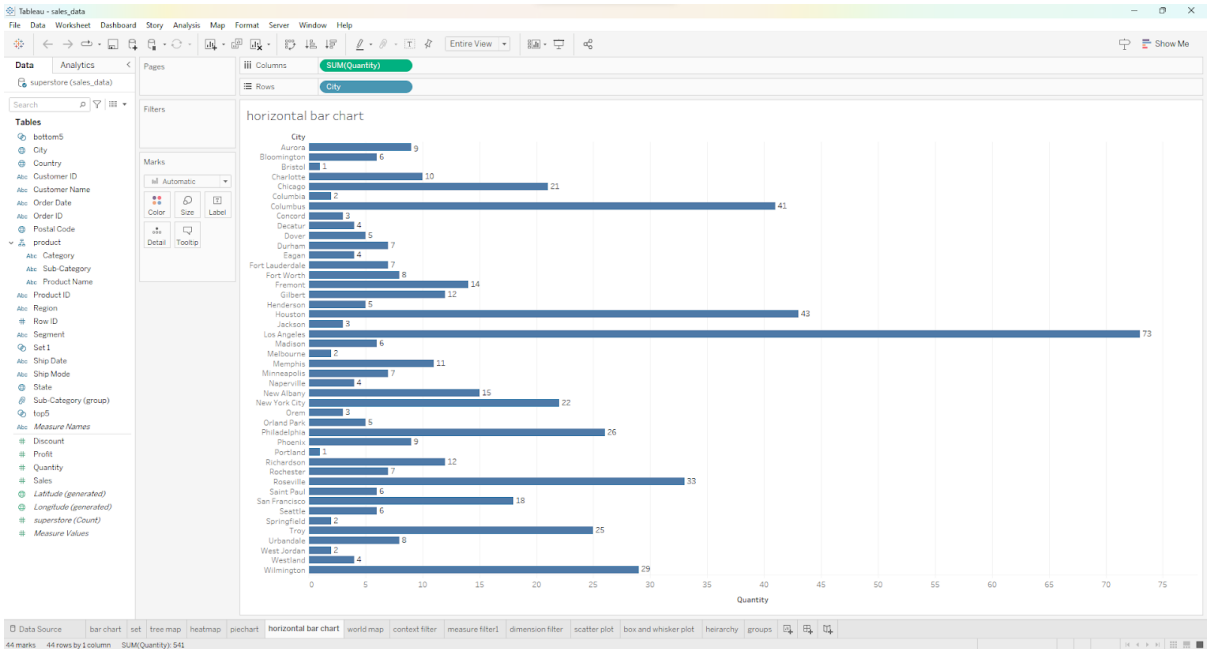


Tableau - sales_data
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Data Analytics
superstore (sales_data)
Tables
bottom5
City
Country
Customer ID
Customer Name
Order Date
Order ID
Postal Code
product
Category
Sub-Category
Product Name
Product ID
Region
Row ID
Segment
Set 1
Ship Date
Ship Mode
State
Sub-Category (group)
top5
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
superstore (Count)
Measure Values
Pages
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Columns
SUM(Quantity)
Rows
City
horizontal bar chart
City
Aurora 9
Bloomington 6
Bristol 1
Charlotte 10
Chicago 21
Columbia 2
Columbus 41
Concord 3
Decatur 4
Dover 5
Durham 7
Eagan 4
Fort Lauderdale 7
Fort Worth 8
Fremont 14
Gilbert 12
Henderson 5
Houston 43
Jackson 3
Los Angeles 73
Madison 6
Melbourne 2
Memphis 11
Minneapolis 7
Naperville 4
New Albany 15
New York City 22
Orem 3
Orland Park 5
Philadelphia 26
Phoenix 9
Portland 1
Richardson 12
Rochester 7
Roseville 33
Saint Paul 6
San Francisco 18
Seattle 6
Springfield 2
Troy 25
Urbandale 8
West Jordan 2
Westland 4
Wilmington 29
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75
Quantity
Data Source
bar chart
set
tree map
heatmap
piechart
horizontal bar chart
world map
context filter
measure filter1
dimension filter
scatter plot
box and whisker plot
heirarchy
groups
44 marks
44 rows by 1 column
SUM(Quantity): 541

MAP

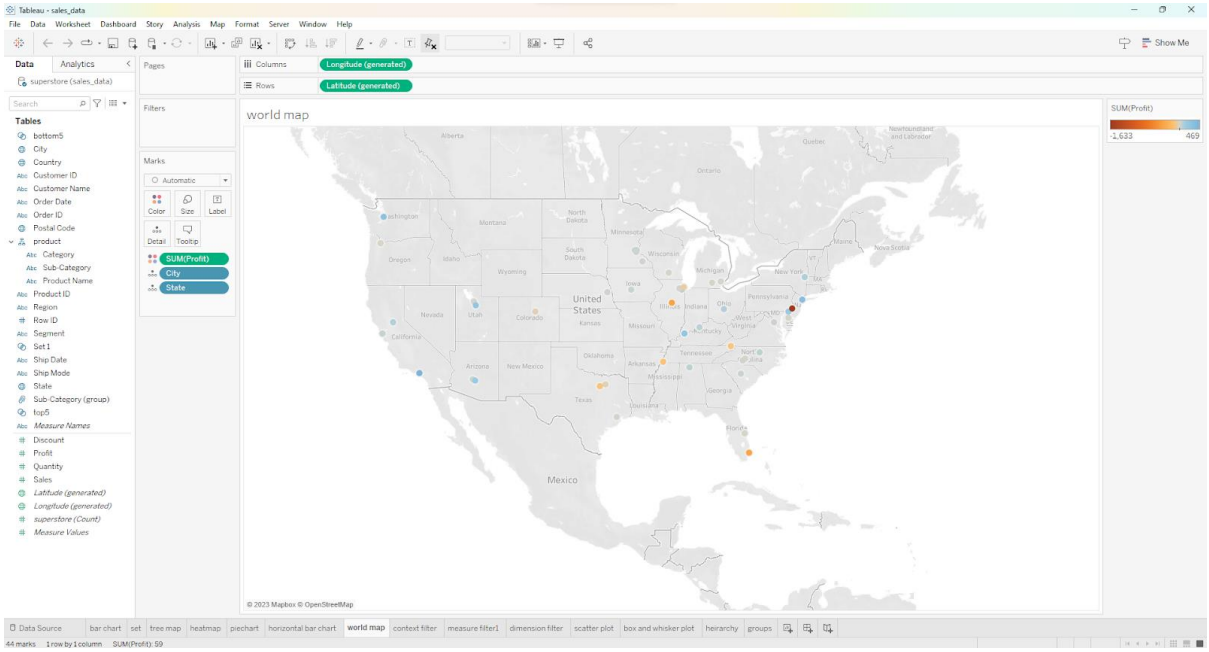
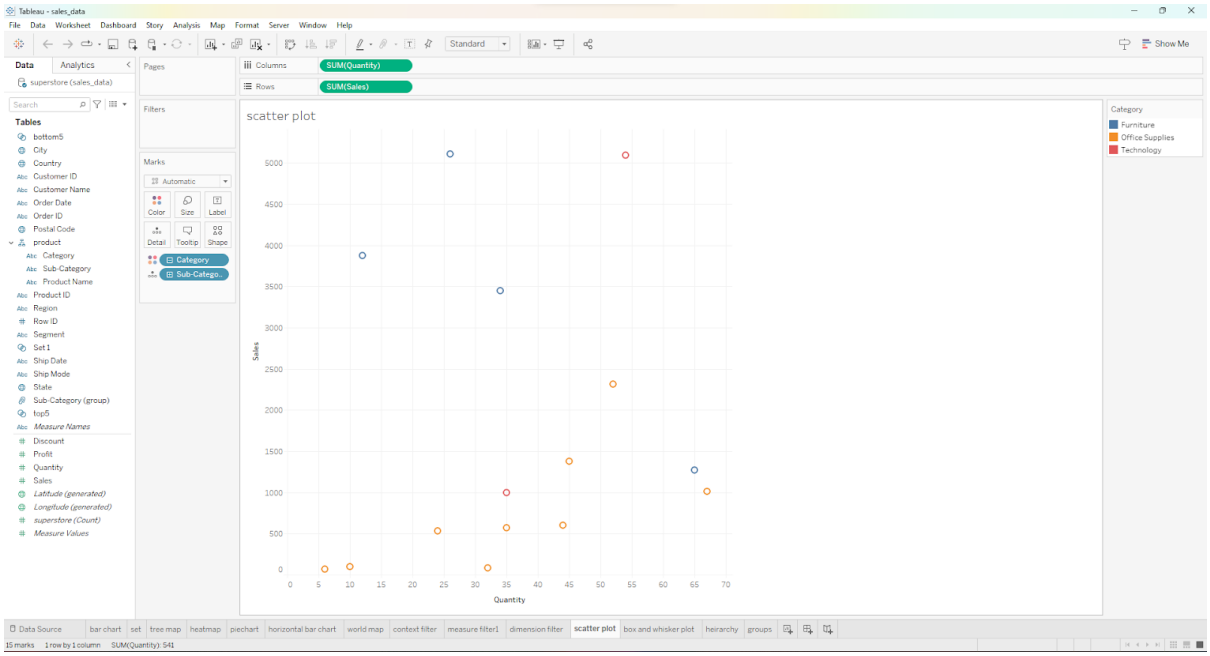
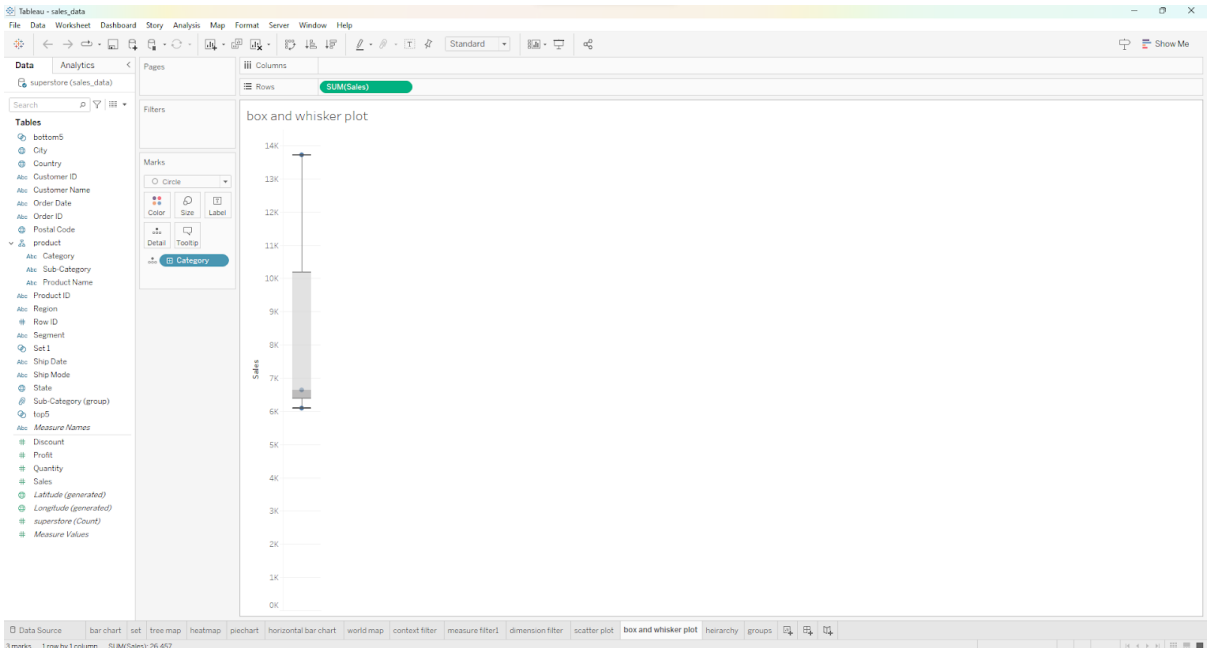


Tableau - sales_data
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Data Analytics
superstore (sales_data)
Tables
bottom5
City
Country
Customer ID
Customer Name
Order Date
Order ID
Postal Code
product
Category
Sub-Category
Product Name
Product ID
Region
Row ID
Segment
Set 1
Ship Date
Ship Mode
State
Sub-Category (group)
top5
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
superstore (Count)
Measure Values
Pages
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(Profit)
City
State
Columns
Longitude (generated)
Rows
Latitude (generated)
world map
SUM(Profit)
-1,633
469
Alberta
Ontario
Quebec
Newfoundland and Labrador
Montana
North Dakota
Minnesota
Oregon
Idaho
South Dakota
Wisconsin
Michigan
Wyoming
New York
Maine
Nova Scotia
Iowa
Nevada
Utah
Colorado
United States
Kansas
Missouri
Illinois
Indiana
Ohio
Pennsylvania
West Virginia
California
Kentucky
Tennessee
Arizona
New Mexico
Oklahoma
Arkansas
Mississippi
Georgia
Texas
Louisiana
Florida
Mexico
© 2023 Mapbox © OpenStreetMap
Data Source
bar chart
set
tree map
heatmap
piechart
horizontal bar chart
world map
context filter
measure filter1
dimension filter
scatter plot
box and whisker plot
heirarchy
groups
44 marks
1 row by 1 column
SUM(Profit): 59

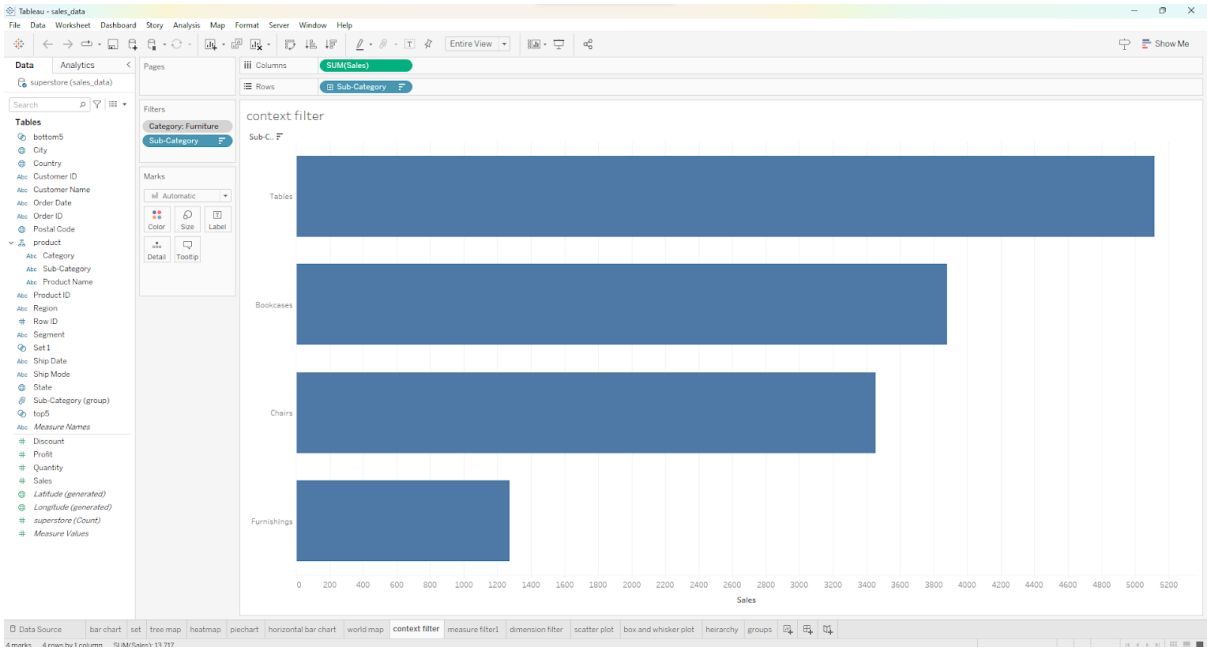


-scatter plot

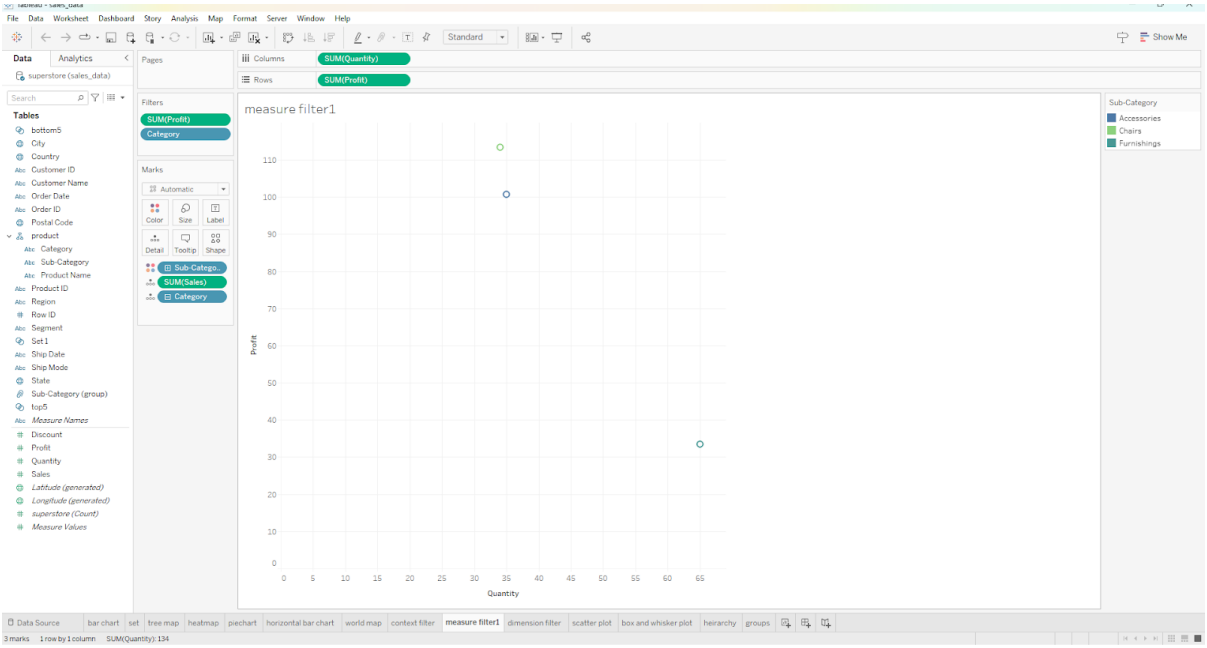
-box and whiskwr plot



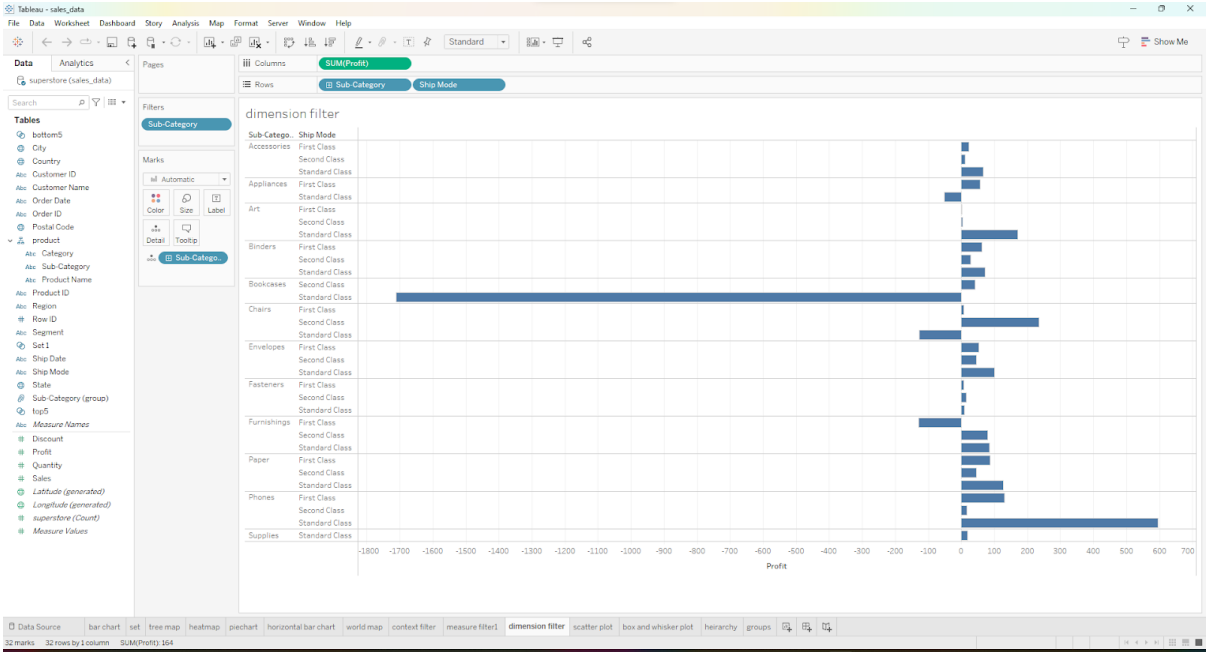
Context filter



-measure filter



-dimension filter



-hierarchy

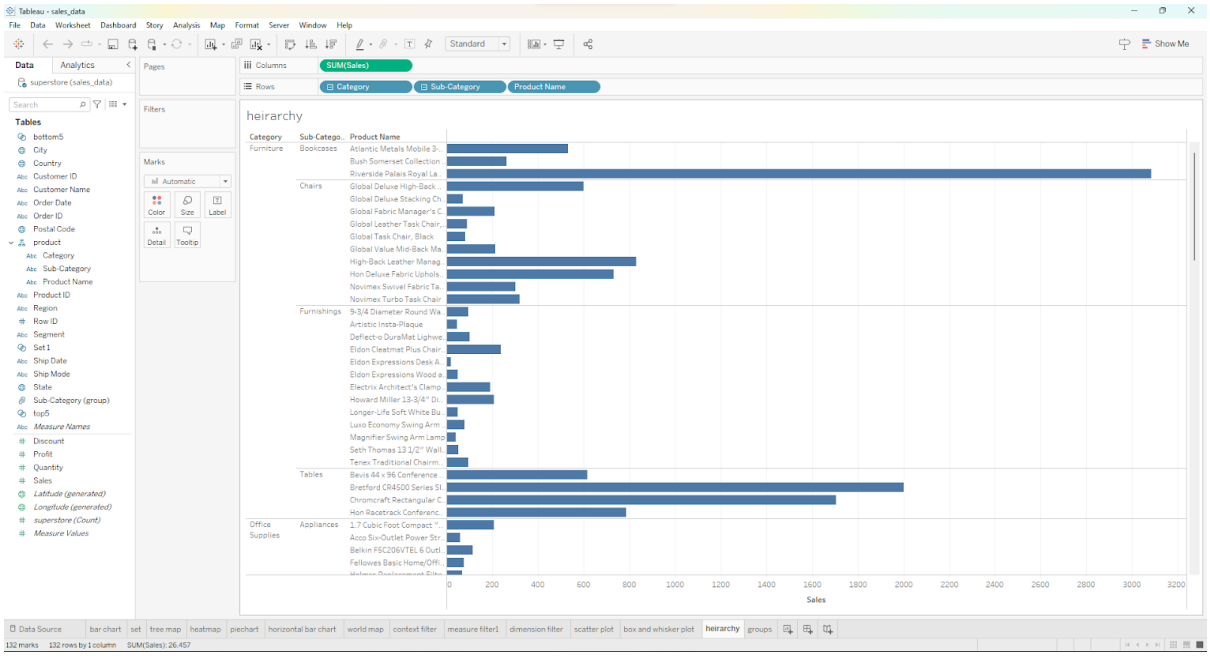
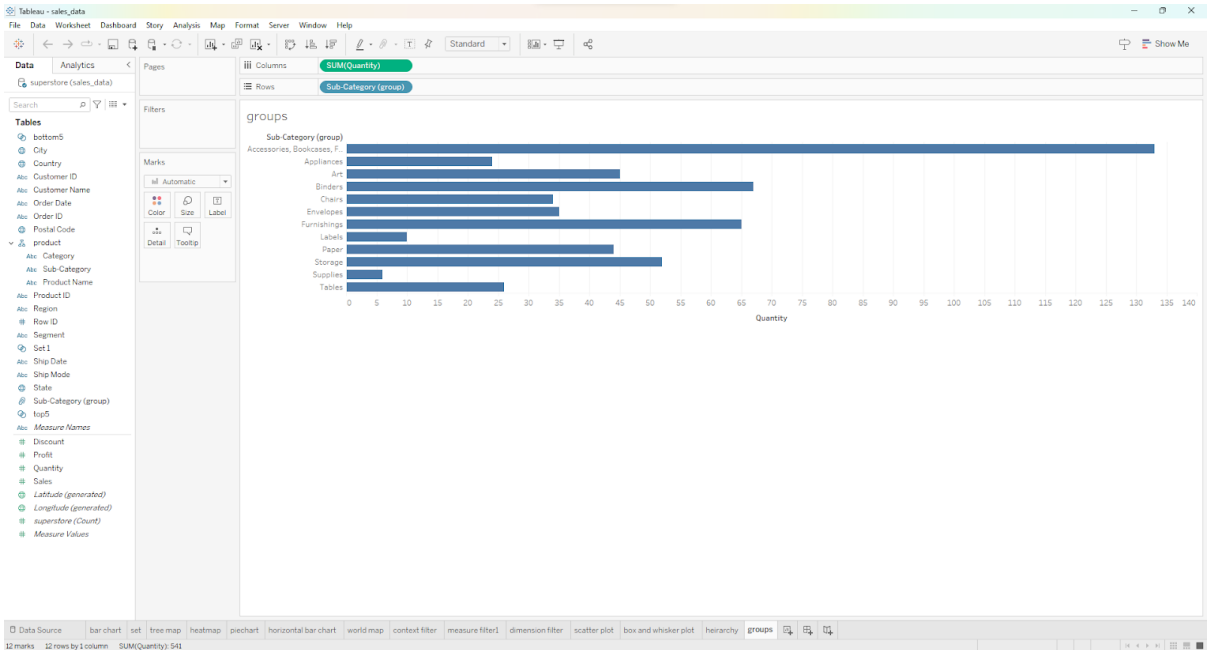


Tableau - sales_data
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Data Analytics
superstore (sales_data)
Tables
bottom5
City
Country
Customer ID
Customer Name
Order Date
Order ID
Postal Code
product
Category
Sub-Category
Product Name
Product ID
Region
Row ID
Segment
Set 1
Ship Date
Ship Mode
State
Sub-Category (group)
top5
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
superstore (Count)
Measure Values
Pages
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Columns
SUM(Sales)
Rows
Category
Sub-Category
Product Name
heirarchy
Category
Sub-Catego..
Product Name
Furniture
Bookcases
Chairs
Furnishings
Tables
Office Supplies
Appliances
Sales
Data Source
bar chart
set
tree map
heatmap
piechart
horizontal bar chart
world map
context filter
measure filter1
dimension filter
scatter plot
box and whisker plot
heirarchy
groups
132 marks
132 rows by 1 column
SUM(Sales): 26,457

-group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superstore (sales_data)
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Customer Name
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product
Category
Sub-Category
Product Name
Product ID
Region
Row ID
Segment
Set 1
Ship Date
Ship Mode
State
Sub-Category (group)
top5
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
superstore (Count)
Measure Values
Pages
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Columns
SUM(Quantity)
Rows
Sub-Category (group)
groups
Sub-Category (group)
Accessories, Bookcases, F..
Appliances
Art
Binders
Chairs
Envelopes
Furnishings
Labels
Paper
Storage
Supplies
Tables
Quantity
Data Source
bar chart
set
tree map
heatmap
piechart
horizontal bar chart
world map
context filter
measure filter1
dimension filter
scatter plot
box and whisker plot
heirarchy
groups
12 marks
12 rows by 1 column
SUM(Quantity): 541

SET

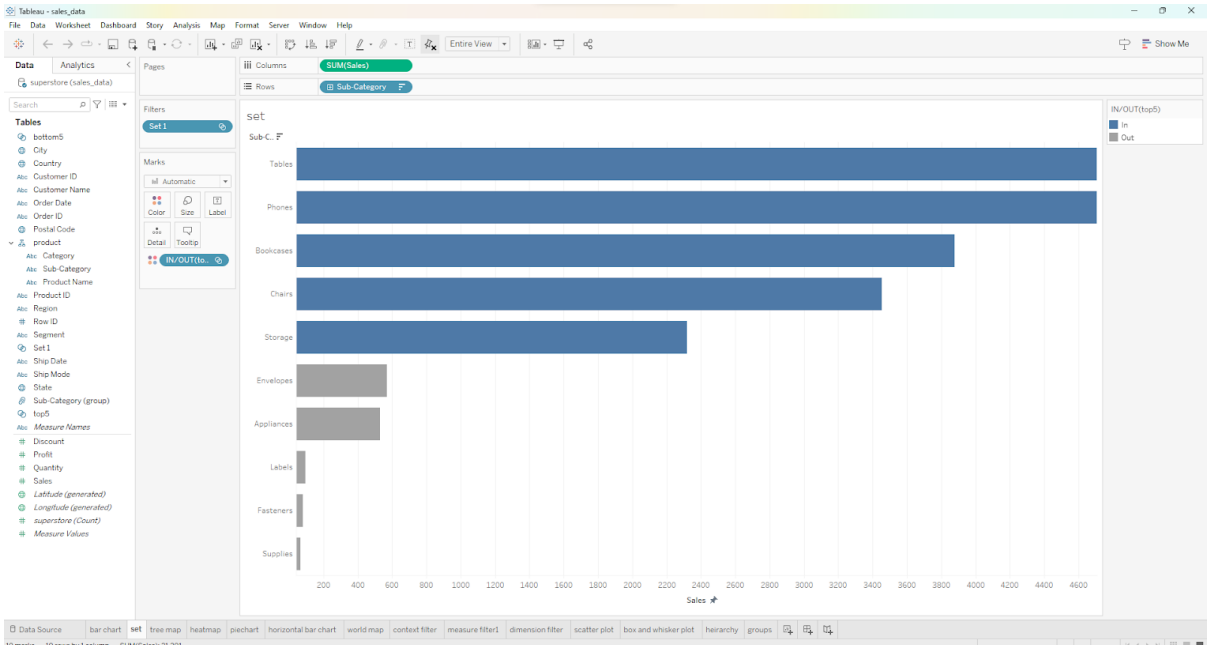
Tableau - sales_data
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Data
Analytics
superstore (sales_data)
Search
Tables
bottom5
City
Country
Customer ID
Customer Name
Order Date
Order ID
Postal Code
product
Category
Sub-Category
Product Name
Product ID
Region
Row ID
Segment
Set 1
Ship Date
Ship Mode
State
Sub-Category (group)
top5
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
superstore (Count)
Measure Values
Pages
Filters
Set 1
Marks
Automatic
Color
Size
Label
Detail
Tooltip
IN/OUT(to..
Columns
SUM(Sales)
Rows
Sub-Category
set
Sub-C..
Tables
Phones
Bookcases
Chairs
Storage
Envelopes
Appliances
Labels
Fasteners
Supplies
200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000 4200 4400 4600
Sales
IN/OUT(top5)
In
Out
Data Source
bar chart
set
tree map
heatmap
piechart
horizontal bar chart
world map
context filter
measure filter1
dimension filter
scatter plot
box and whisker plot
heirarchy
groups