DATA ANALYTICS COURSE

ASSIGNMENT 2

20BCI0081
DIVYANSH SINGH

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

1) 7 charts

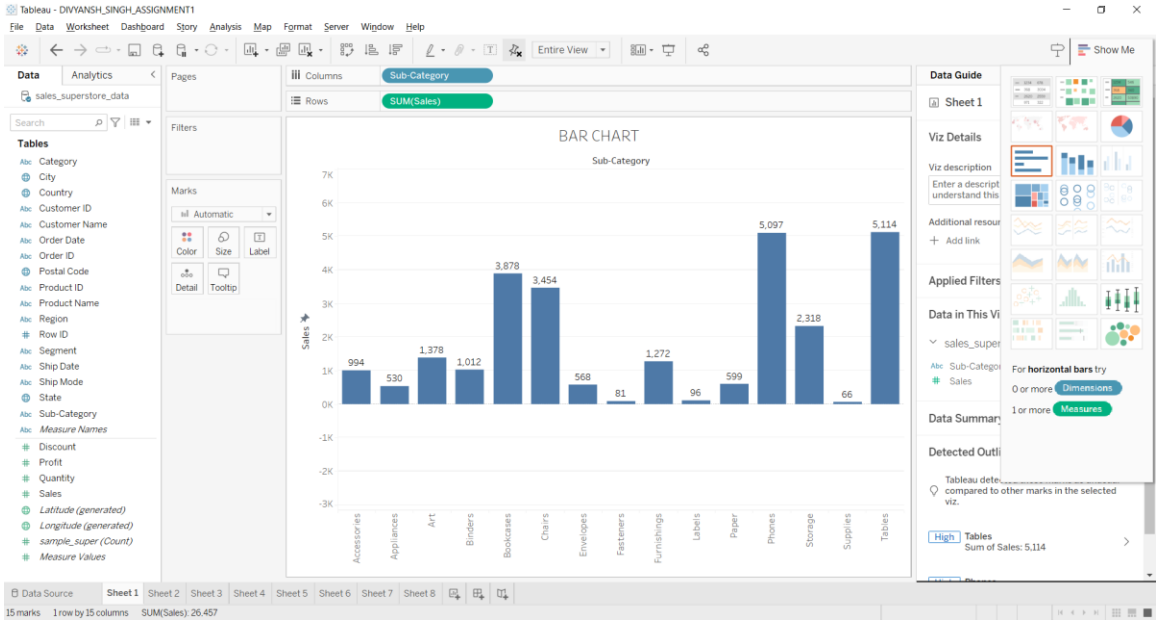


Tableau - DIVYANSH_SINGH_ASSIGNMENT1
BAR CHART
Sub-Category
Sales
994
530
1,378
1,012
3,878
3,454
568
81
1,272
96
599
5,097
2,318
66
5,114
Accessories
Appliances
Art
Binders
Bookcases
Chairs
Envelopes
Fasteners
Furnishings
Labels
Paper
Phones
Storage
Supplies
Tables

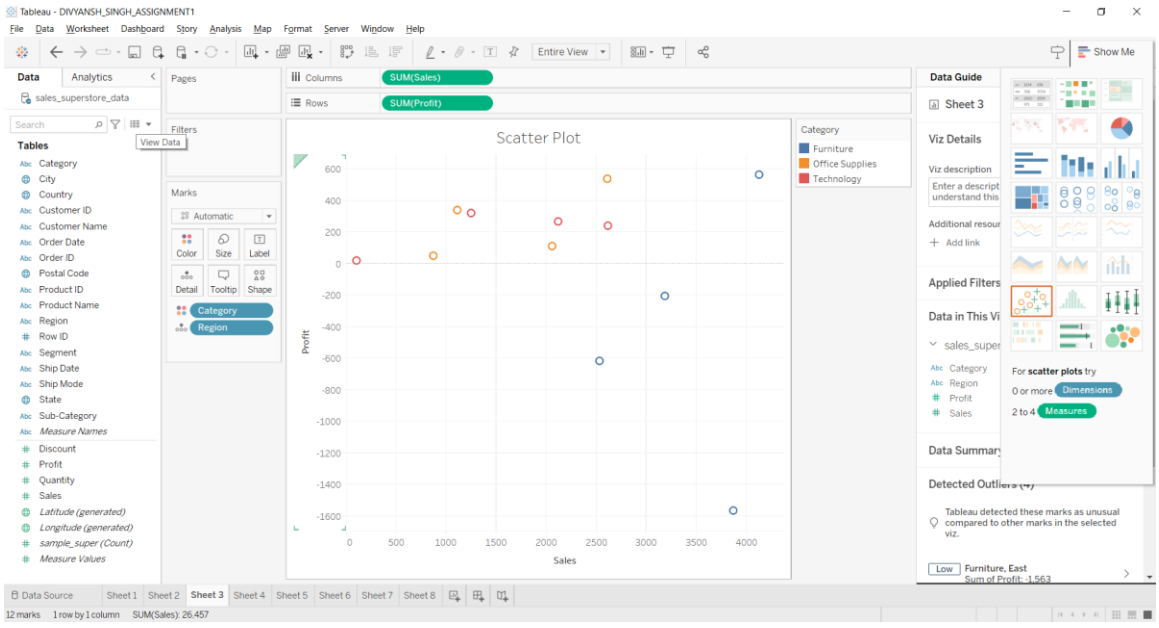


Tableau - DIVYANSH_SINGH_ASSIGNMENT1
Scatter Plot
Profit
Sales
Category
Furniture
Office Supplies
Technology

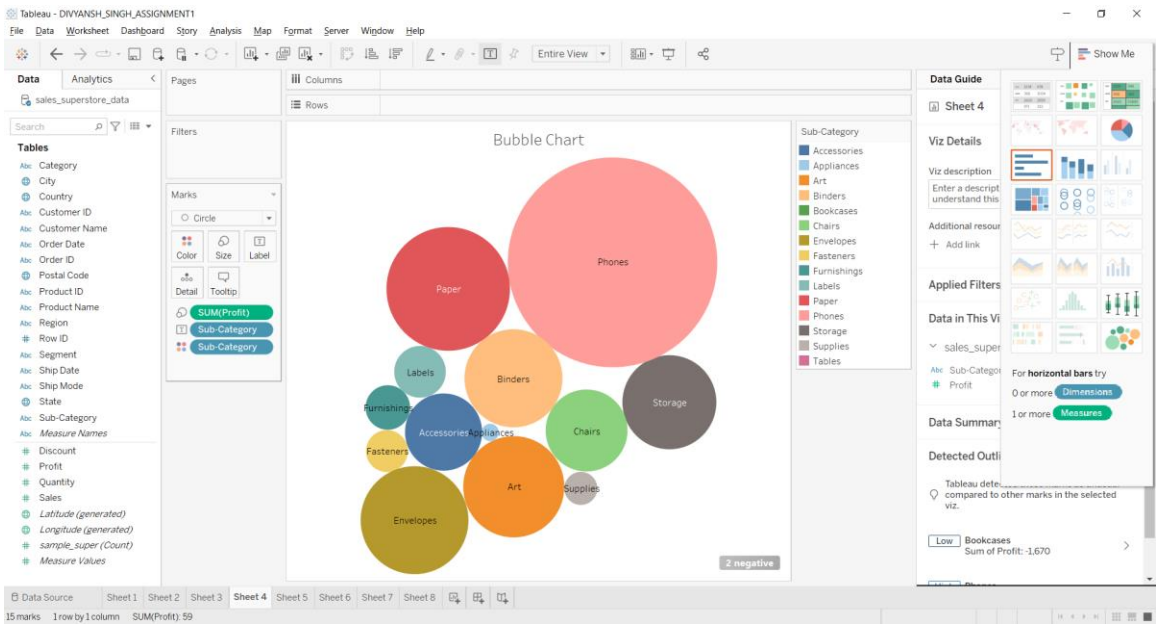


Tableau - DIVYANSH_SINGH_ASSIGNMENT1
Bubble Chart
Phones
Paper
Labels
Binders
Storage
Furnishings
Accessories
Appliances
Chairs
Fasteners
Art
Supplies
Envelopes
2 negative
Sub-Category
Accessories
Appliances
Art
Binders
Bookcases
Chairs
Envelopes
Fasteners
Furnishings
Labels
Paper
Phones
Storage
Supplies
Tables

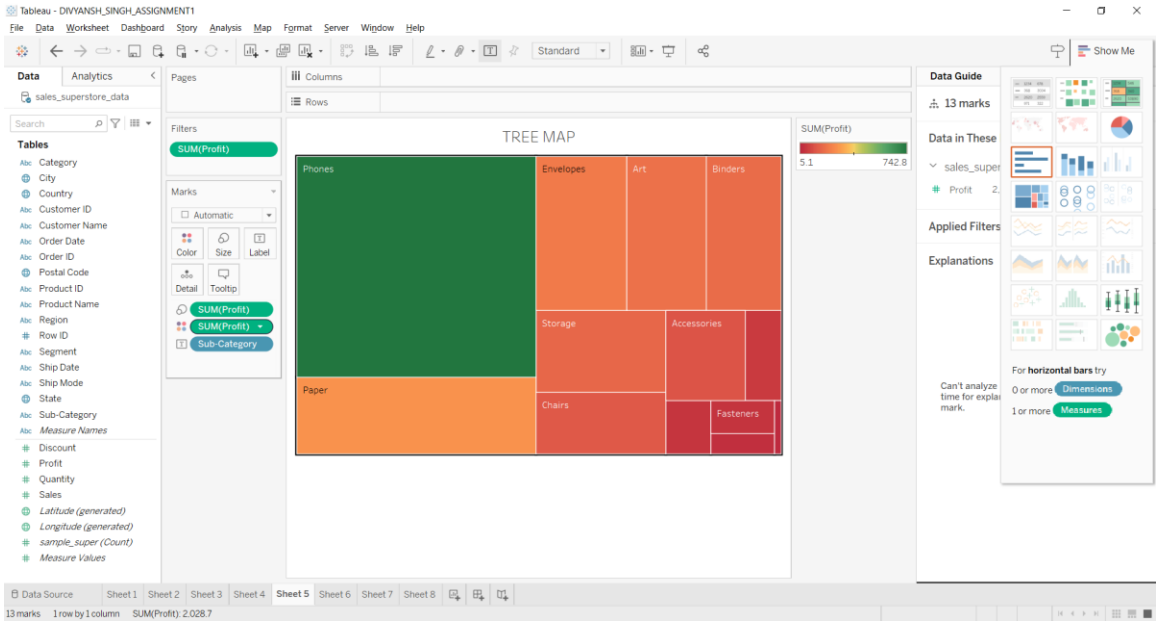


Tableau - DIVYANSH_SINGH_ASSIGNMENT1
TREE MAP
Phones
Envelopes
Art
Binders
Storage
Accessories
Paper
Chairs
Fasteners
SUM(Profit)
5.1
742.8

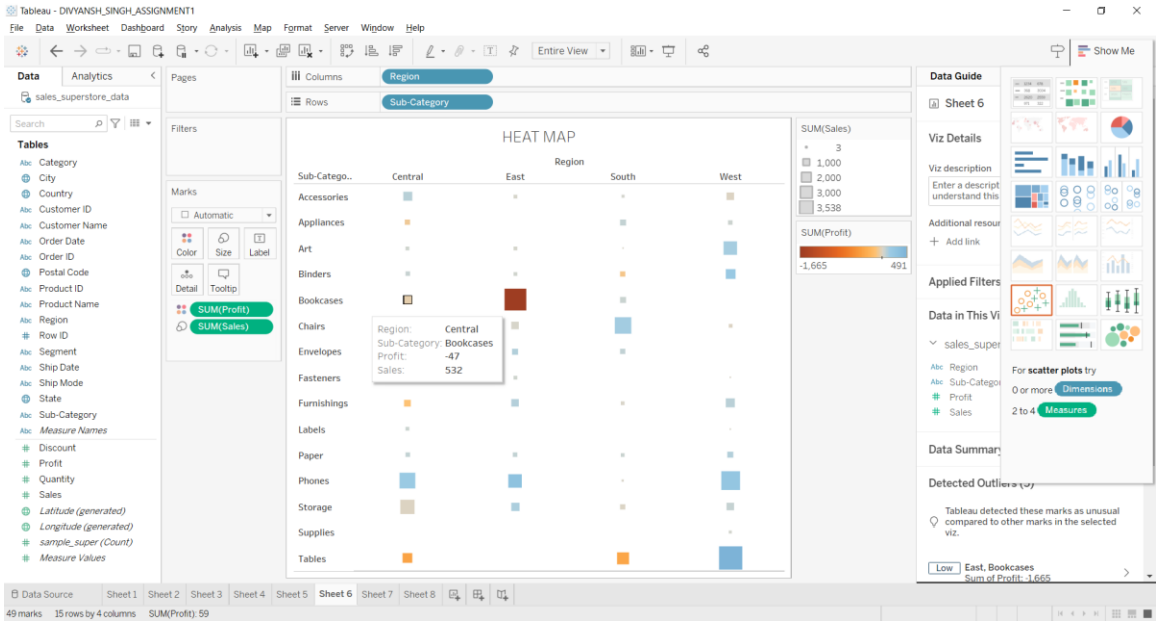


Tableau - DIVYANSH_SINGH_ASSIGNMENT1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Data Analytics
sales_superstore_data
Tables
Pages
Filters
Marks
Automatic
Color Size Label
Detail Tooltip
SUM(Profit)
SUM(Sales)
Columns
Region
Rows
Sub-Category
HEAT MAP
Region
Sub-Catego.. Central East South West
Accessories
Appliances
Art
Binders
Bookcases
Chairs
Envelopes
Fasteners
Furnishings
Labels
Paper
Phones
Storage
Supplies
Tables
Region: Central
Sub-Category: Bookcases
Profit: -47
Sales: 532
SUM(Sales)
3
1,000
2,000
3,000
3,538
SUM(Profit)
-1,665
491
Data Guide
Sheet 6
Viz Details
Viz description
Enter a descript understand this
Additional resour
Add link
Applied Filters
Data in This Vi
sales_super
Region
Sub-Categor
Profit
Sales
For scatter plots try
0 or more Dimensions
2 to 4 Measures
Data Summary
Detected Outliers (3)
Tableau detected these marks as unusual compared to other marks in the selected viz.
Low East, Bookcases
Sum of Profit: -1,665
Show Me
Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8
49 marks 15 rows by 4 columns SUM(Profit): 59

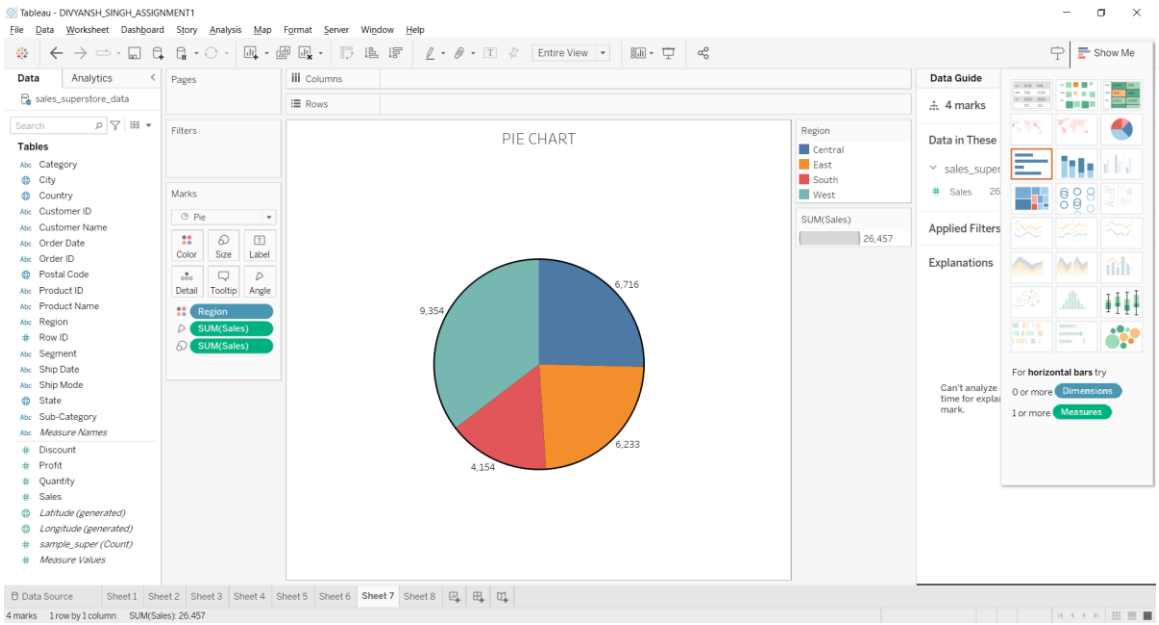


Tableau - DIVYANSH_SINGH_ASSIGNMENT1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Data Analytics
sales_superstore_data
Tables
Pages
Filters
Marks
Pie
Color Size Label
Detail Tooltip Angle
Region
SUM(Sales)
SUM(Sales)
Columns
Rows
PIE CHART
6,716
6,233
4,154
9,354
Region
Central
East
South
West
SUM(Sales)
26,457
Data Guide
4 marks
Data in These
sales_super
Sales
Applied Filters
Explanations
Can't analyze time for explai mark.
For horizontal bars try
0 or more Dimensions
1 or more Measures
Show Me
Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8
4 marks 1 row by 1 column SUM(Sales): 26,457

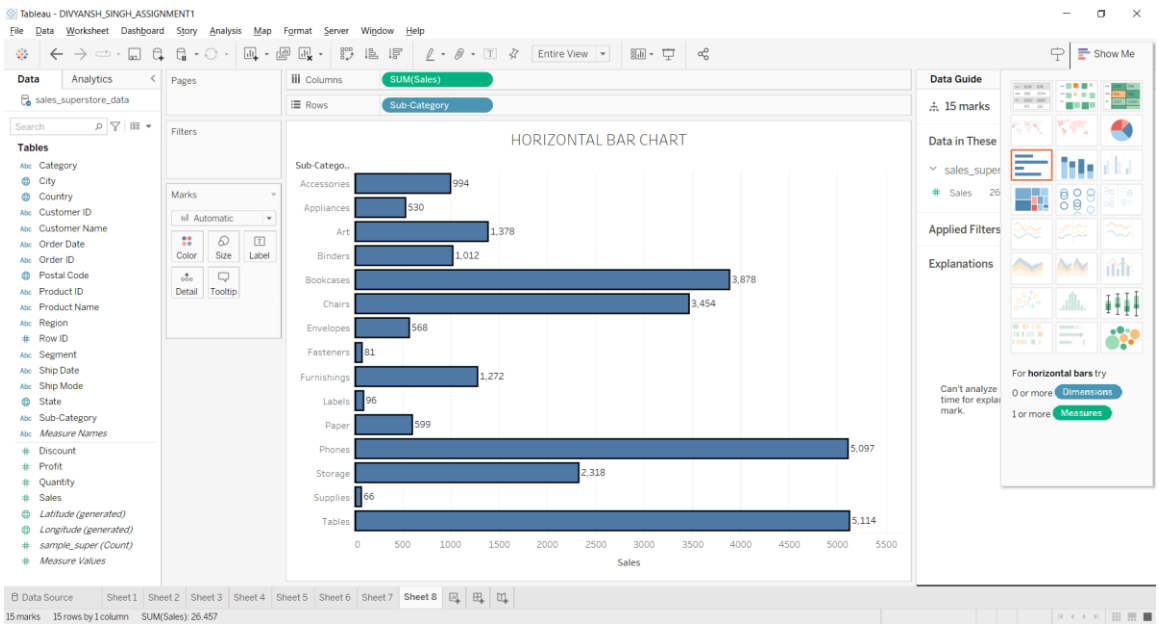
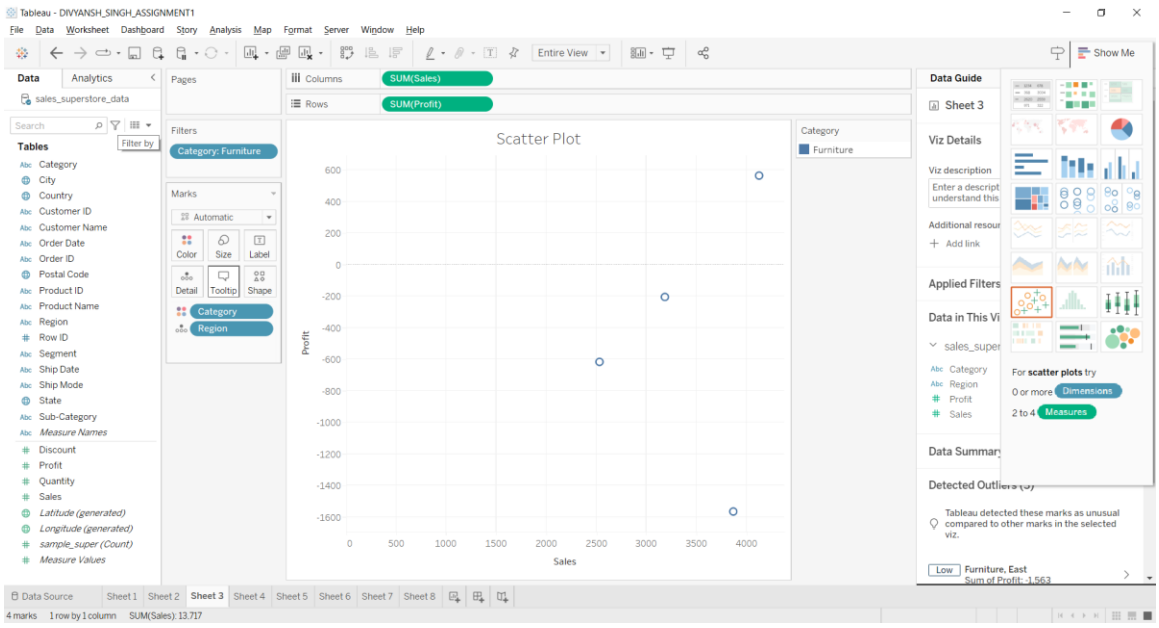
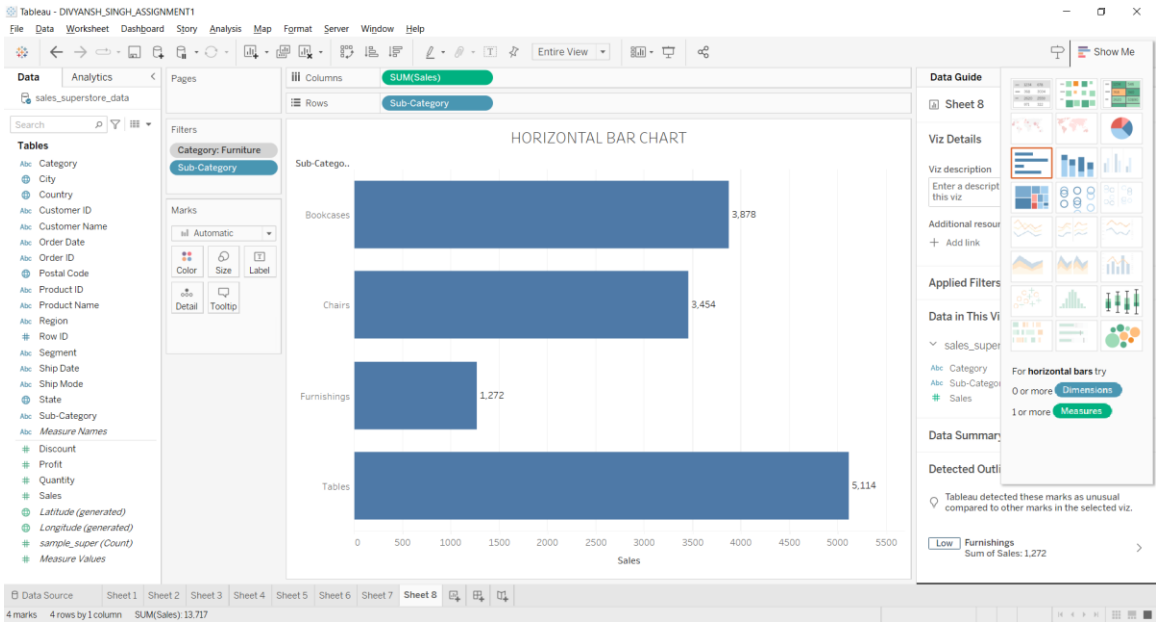


Tableau - DIVYANSH_SINGH_ASSIGNMENT1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Data
Analytics
sales_superstore_data
Search
Tables
Category
City
Country
Customer ID
Customer Name
Order Date
Order ID
Postal Code
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
Sub-Category
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
sample_super (Count)
Measure Values
Pages
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Columns
SUM(Sales)
Rows
Sub-Category
HORIZONTAL BAR CHART
Sub-Catego..
Accessories 994
Appliances 530
Art 1,378
Binders 1,012
Bookcases 3,878
Chairs 3,454
Envelopes 568
Fasteners 81
Furnishings 1,272
Labels 96
Paper 599
Phones 5,097
Storage 2,318
Supplies 66
Tables 5,114
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500
Sales
Data Guide
15 marks
Data in These
sales_super
Sales 26
Applied Filters
Explanations
Can't analyze time for explai mark.
For horizontal bars try
0 or more Dimensions
1 or more Measures
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
15 marks
15 rows by 1 column
SUM(Sales): 26,457

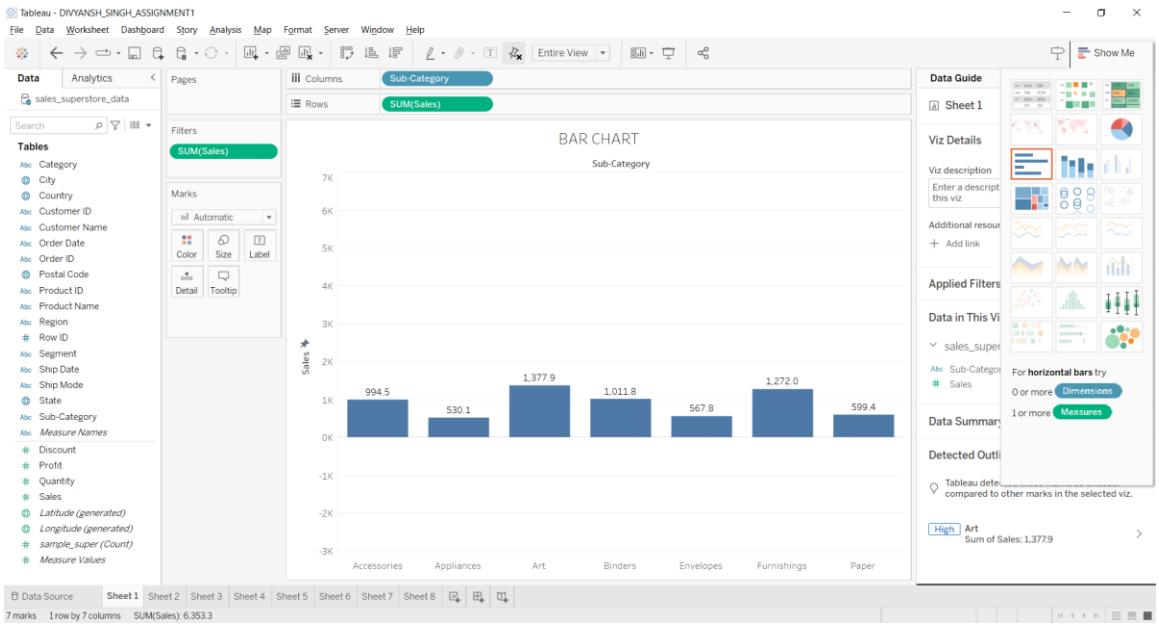
2.1) Dimension Filter



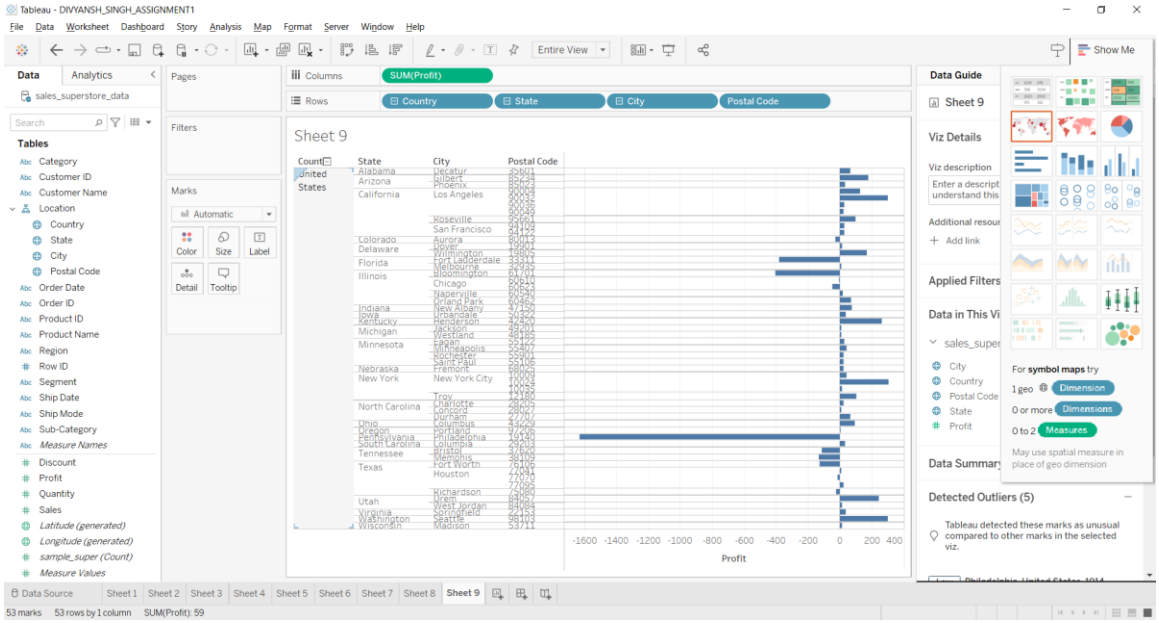
2.2) Context Filter



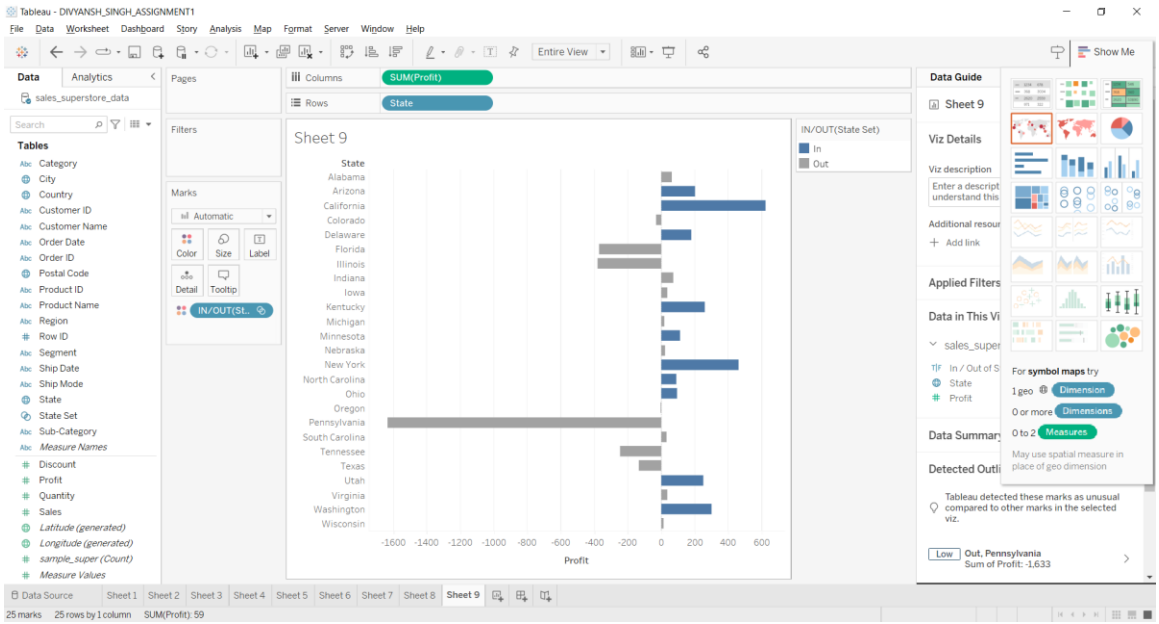
2.3) Measure Filter



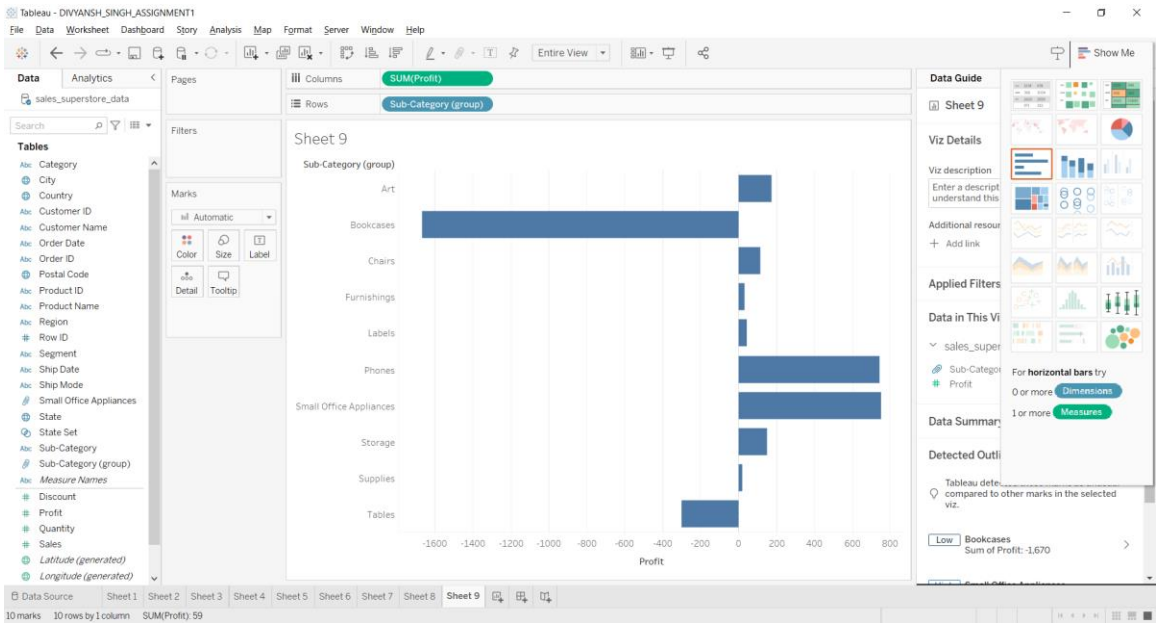
3.1) Hierarchy



3.2) Set



3.3) Groups



Link

https://drive.google.com/file/d/1q5fo1xSjJqvDsHmrd4AYoQ6P1zVpPzzs/view?usp=sharing