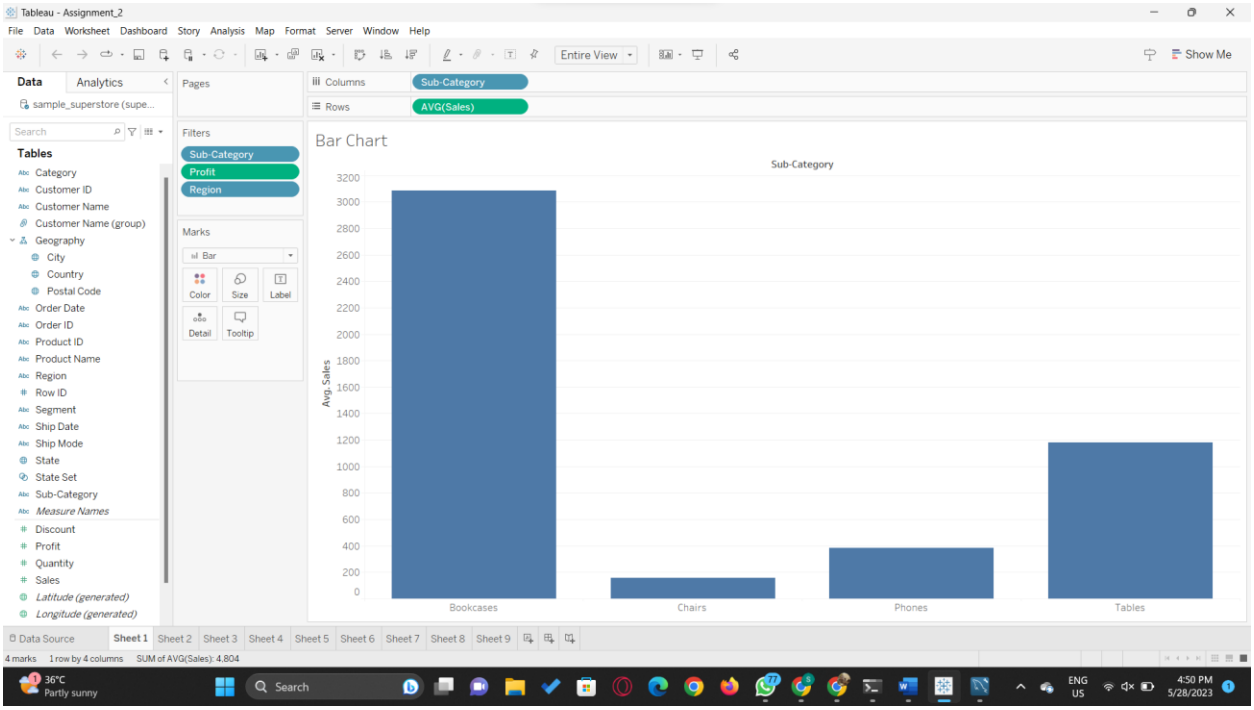
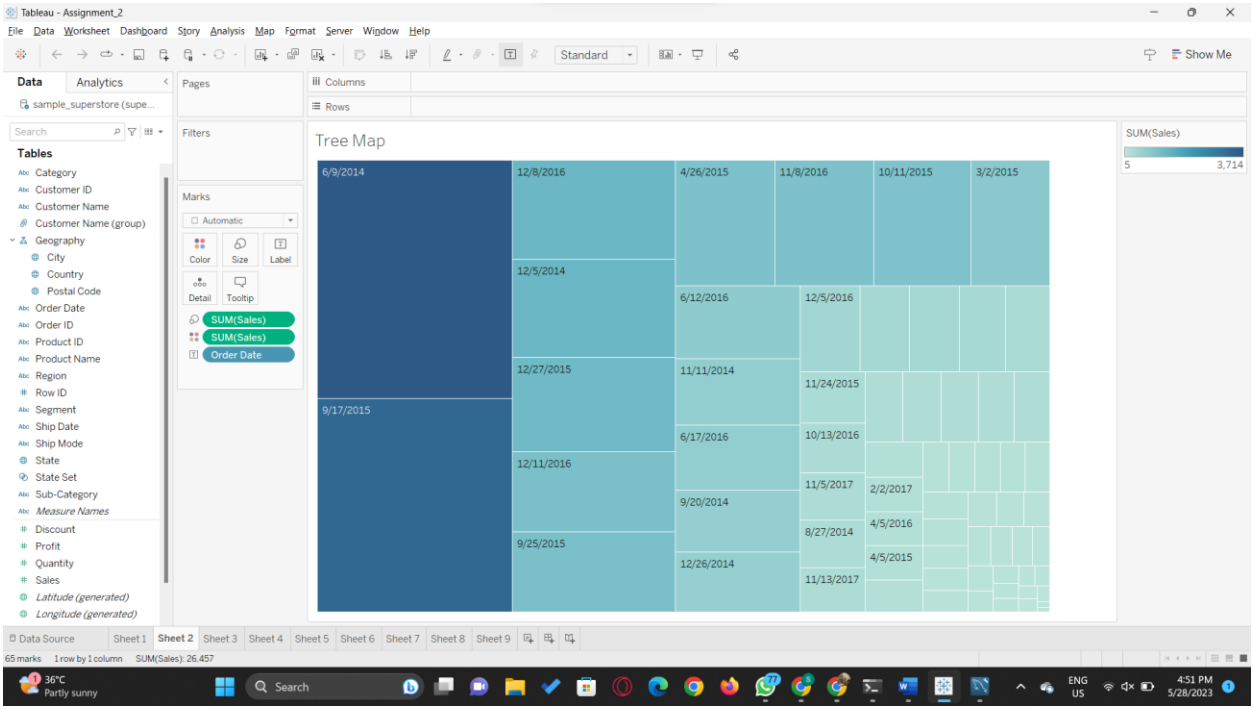
Assignment 2

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





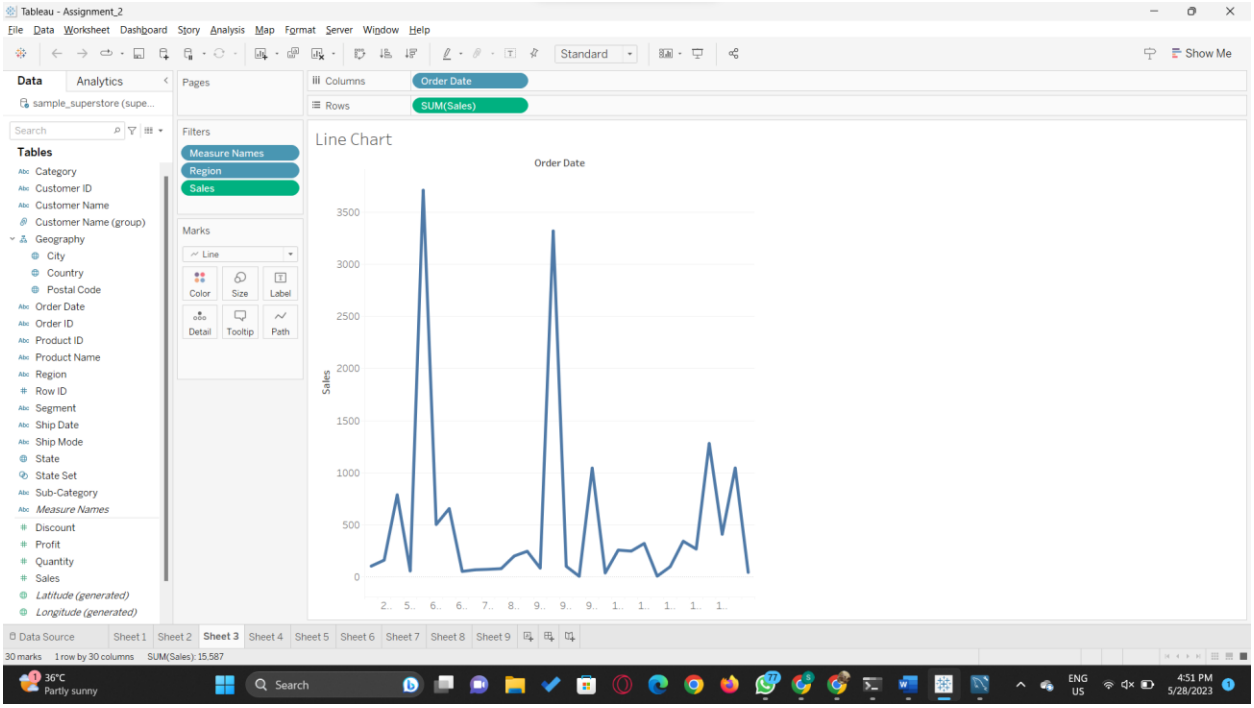


Tableau - Assignment_2
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
sample_superstore (supe...
Search
Tables
Category
Customer ID
Customer Name
Customer Name (group)
Geography
City
Country
Postal Code
Order Date
Order ID
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
State Set
Sub-Category
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
Pages
Filters
Measure Names
Region
Sales
Marks
Line
Color
Size
Label
Detail
Tooltip
Path
Columns
Order Date
Rows
SUM(Sales)
Line Chart
Order Date
Sales
3500
3000
2500
2000
1500
1000
500
0
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
30 marks
1 row by 30 columns
SUM(Sales): 15,587
36°C
Partly sunny
Search
ENG
US
4:51 PM
5/28/2023

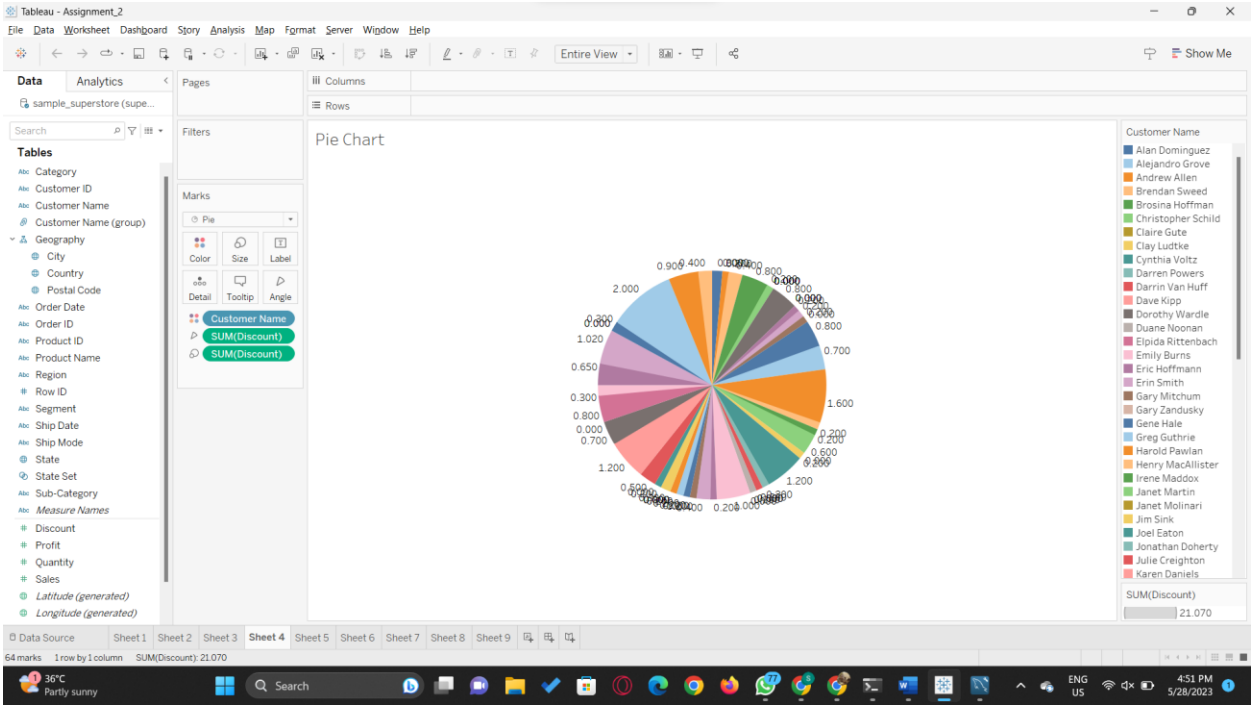


Tableau - Assignment_2
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Data
Analytics
sample_superstore (supe...
Search
Tables
Category
Customer ID
Customer Name
Customer Name (group)
Geography
City
Country
Postal Code
Order Date
Order ID
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
State Set
Sub-Category
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
Pages
Filters
Marks
Pie
Color
Size
Label
Detail
Tooltip
Angle
Customer Name
SUM(Discount)
SUM(Discount)
Columns
Rows
Pie Chart
Customer Name
Alan Dominguez
Alejandro Grove
Andrew Allen
Brendan Sweed
Brosina Hoffman
Christopher Schild
Claire Gute
Clay Ludtke
Cynthia Voltz
Darren Powers
Darrin Van Huff
Dave Kipp
Dorothy Wardle
Duane Noonan
Elpida Rittenbach
Emily Burns
Eric Hoffmann
Erin Smith
Gary Mitchum
Gary Zandusky
Gene Hale
Greg Guthrie
Harold Pawlan
Henry MacAllister
Irene Maddox
Janet Martin
Janet Molinari
Jim Sink
Joel Eaton
Jonathan Doherty
Julie Creighton
Karen Daniels
SUM(Discount)
21.070
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
64 marks
1 row by 1 column
SUM(Discount): 21.070
36°C
Partly sunny
Search
ENG
US
4:51 PM
5/28/2023

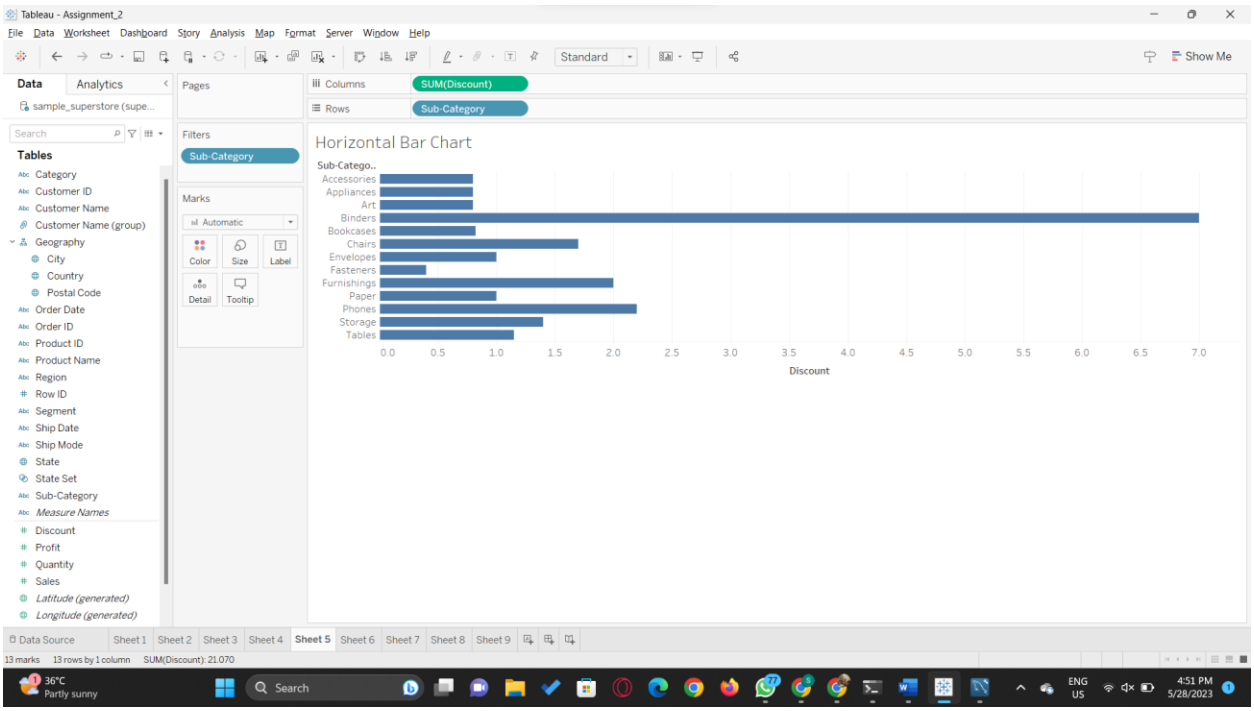


Tableau - Assignment_2
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
sample_superstore (supe...
Search
Tables
Category
Customer ID
Customer Name
Customer Name (group)
Geography
City
Country
Postal Code
Order Date
Order ID
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
State Set
Sub-Category
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
Pages
Filters
Sub-Category
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Columns
SUM(Discount)
Rows
Sub-Category
Horizontal Bar Chart
Sub-Catego..
Accessories
Appliances
Art
Binders
Bookcases
Chairs
Envelopes
Fasteners
Furnishings
Paper
Phones
Storage
Tables
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0
Discount
Data Source
Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9
13 marks 13 rows by 1 column SUM(Discount): 21.070
36°C
Partly sunny
Search
ENG
US
4:51 PM
5/28/2023

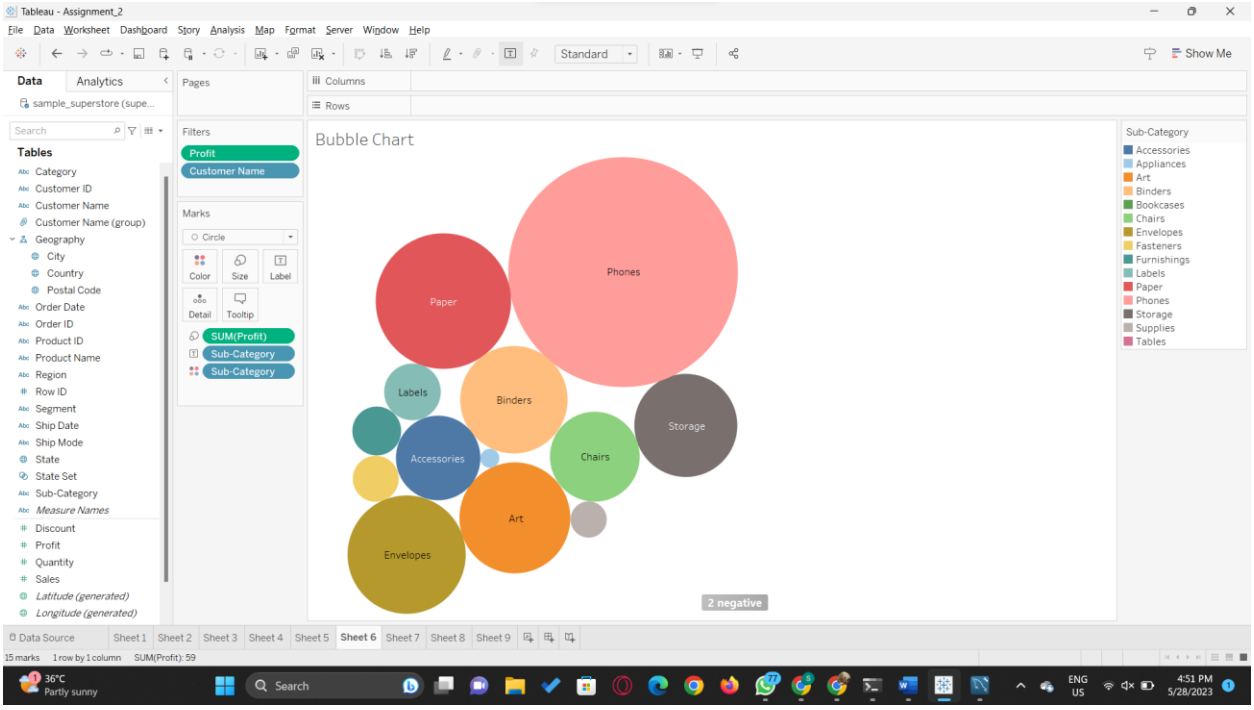
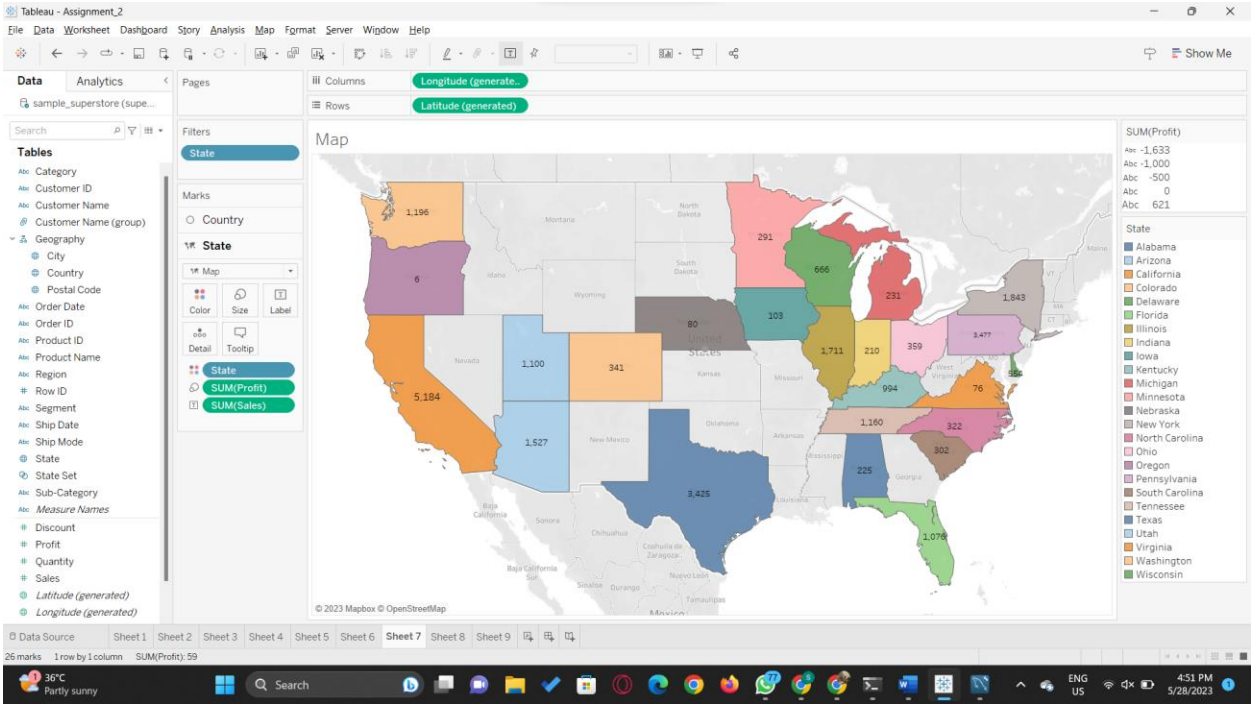
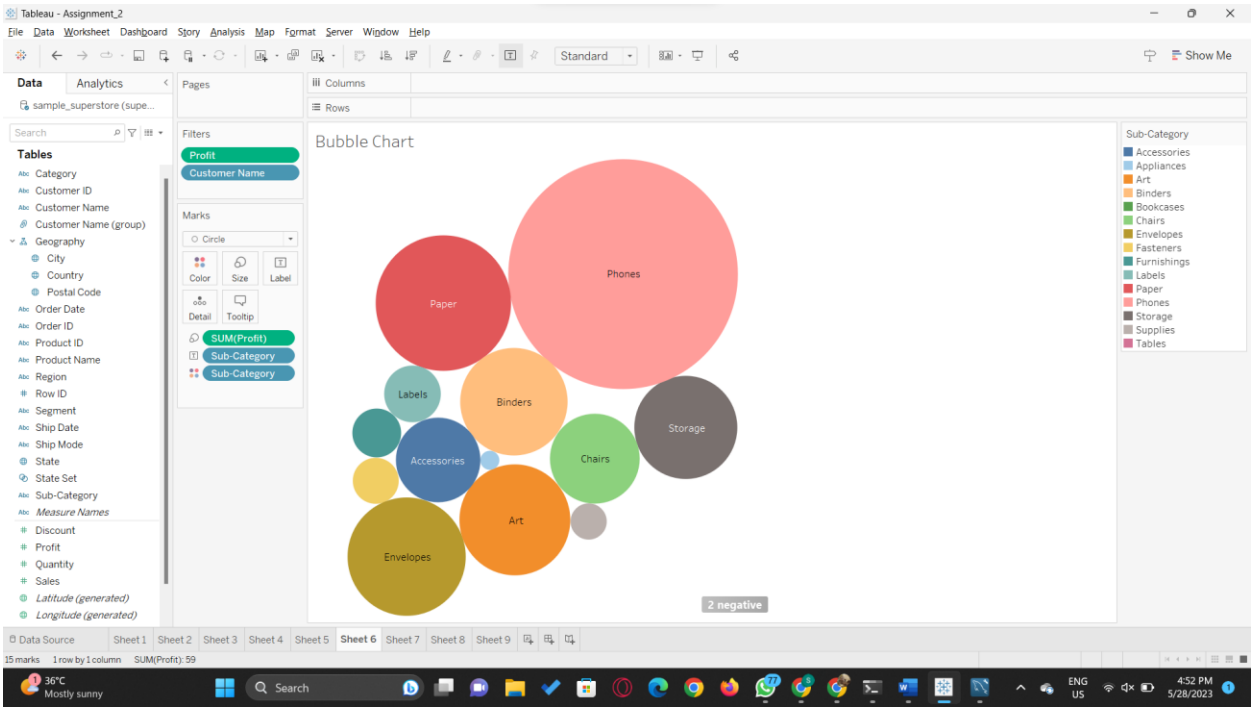


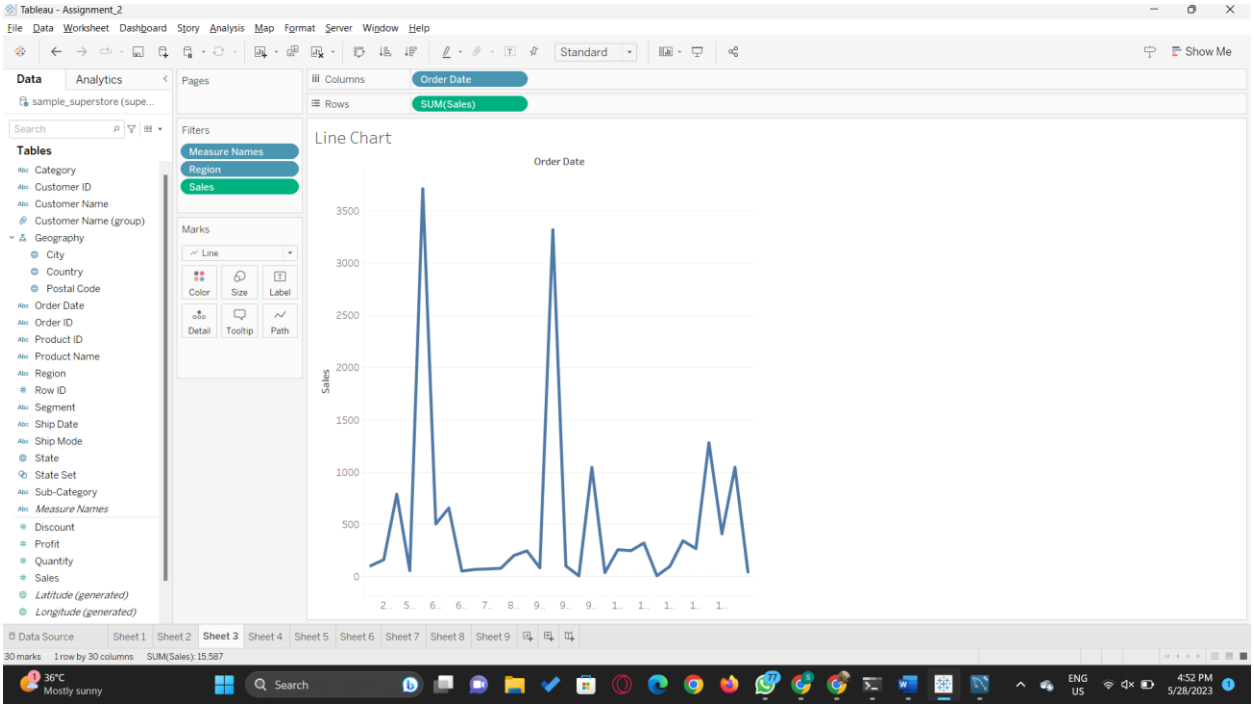
Tableau - Assignment_2
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
sample_superstore (supe...
Search
Tables
Category
Customer ID
Customer Name
Customer Name (group)
Geography
City
Country
Postal Code
Order Date
Order ID
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
State Set
Sub-Category
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
Pages
Filters
Profit
Customer Name
Marks
Circle
Color
Size
Label
Detail
Tooltip
SUM(Profit)
Sub-Category
Sub-Category
Columns
Rows
Bubble Chart
Phones
Paper
Labels
Binders
Storage
Accessories
Chairs
Art
Envelopes
2 negative
Sub-Category
Accessories
Appliances
Art
Binders
Bookcases
Chairs
Envelopes
Fasteners
Furnishings
Labels
Paper
Phones
Storage
Supplies
Tables
Data Source
Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9
15 marks 1 row by 1 column SUM(Profit): 59
36°C
Partly sunny
Search
ENG
US
4:51 PM
5/28/2023



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

Visualizations

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Analytics
sample_superstore (supe...
Search
Tables
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Customer ID
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Customer Name (group)
Geography
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Country
Postal Code
Order Date
Order ID
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
State Set
Sub-Category
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
Pages
Filters
Measure Names
Region
Sales
Marks
Line
Color
Size
Label
Detail
Tooltip
Path
Columns
Order Date
Rows
SUM(Sales)
Line Chart
Order Date
Sales
3500
3000
2500
2000
1500
1000
500
0
2.. 5.. 6.. 6.. 7.. 8.. 9.. 9.. 9.. 1.. 1.. 1.. 1.. 1..
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
30 marks
1 row by 30 columns
SUM(Sales): 15,587
36°C
Mostly sunny
Search
ENG
US
4:52 PM
5/28/2023

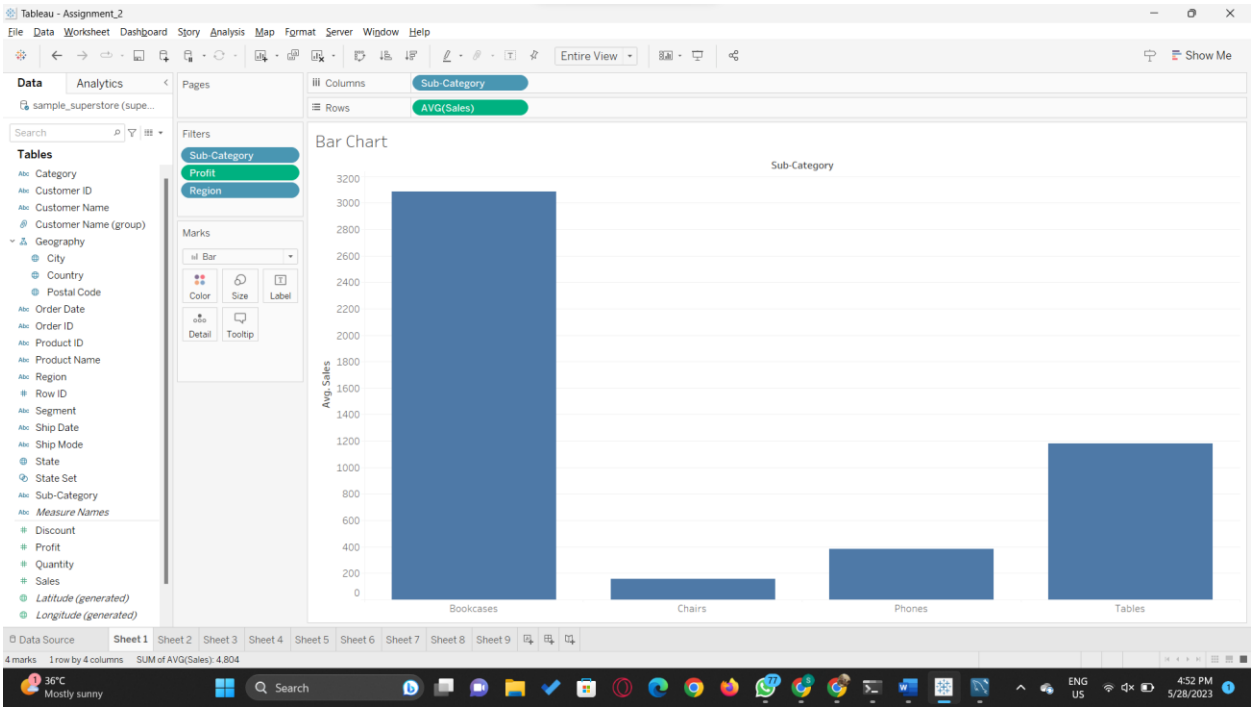
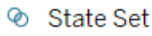
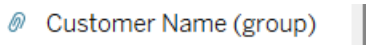


Tableau - Assignment_2
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Data
Analytics
sample_superstore (supe...
Search
Tables
Category
Customer ID
Customer Name
Customer Name (group)
Geography
City
Country
Postal Code
Order Date
Order ID
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
State Set
Sub-Category
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
Pages
Filters
Sub-Category
Profit
Region
Marks
Bar
Color
Size
Label
Detail
Tooltip
Columns
Sub-Category
Rows
AVG(Sales)
Bar Chart
Sub-Category
Avg_Sales
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Bookcases
Chairs
Phones
Tables
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
4 marks
1 row by 4 columns
SUM of AVG(Sales): 4,804
36°C
Mostly sunny
Search
ENG
US
4:52 PM
5/28/2023

3. Perform the following data manipulations on your dataset

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