

Assignment 2

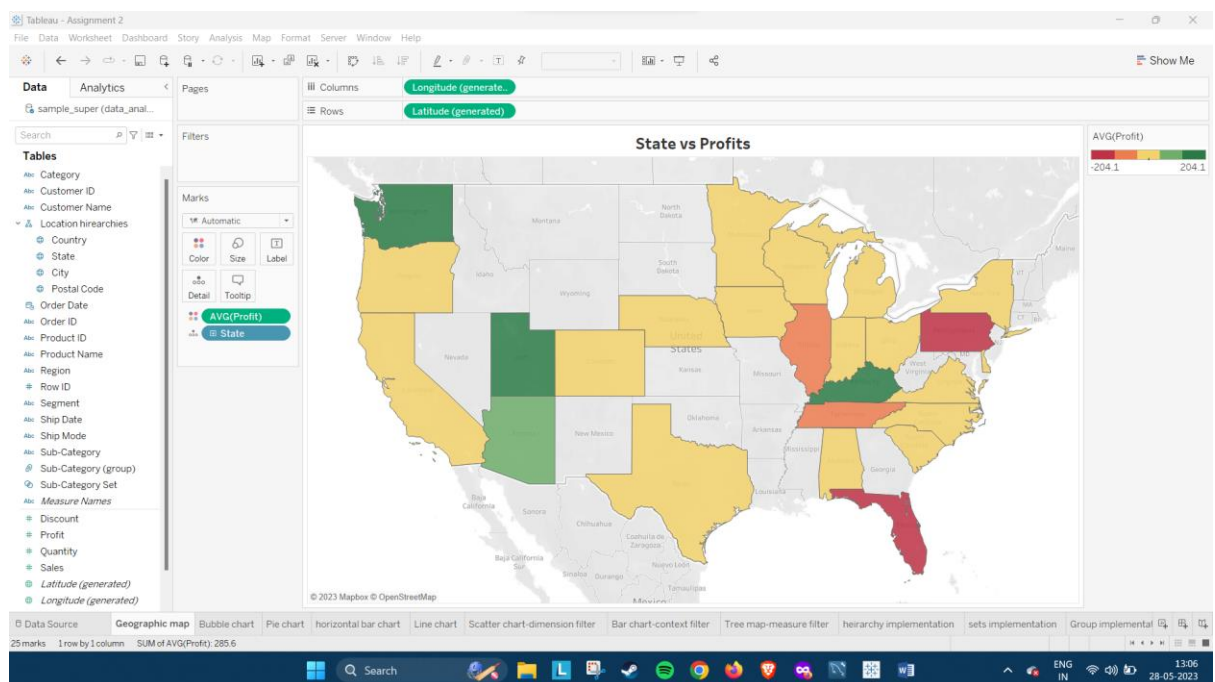
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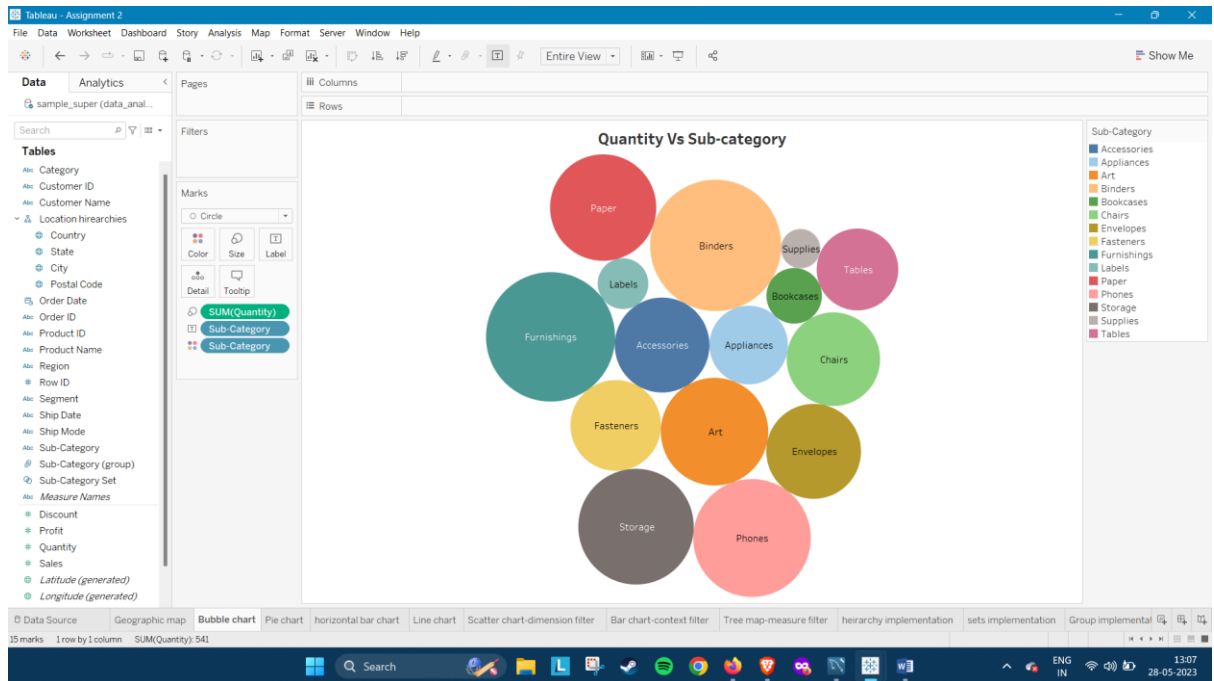
- 1) Create any 7 data visualizations/charts and perform the following
- 2) Apply dimension filter, context and measure filter on any of the three visualizations
- 3) Perform the following data manipulations on your dataset
 - create a Hierarchy
 - create a set
 - create a group

Create 7 data visualizations

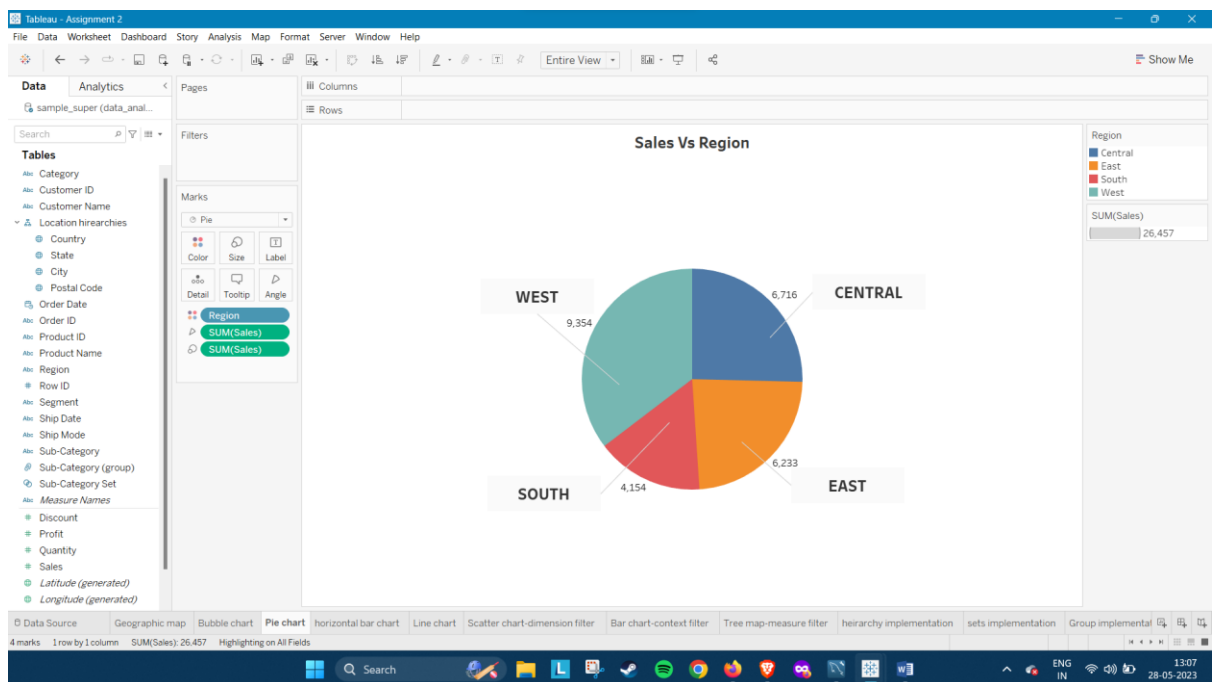
1. Geographic map



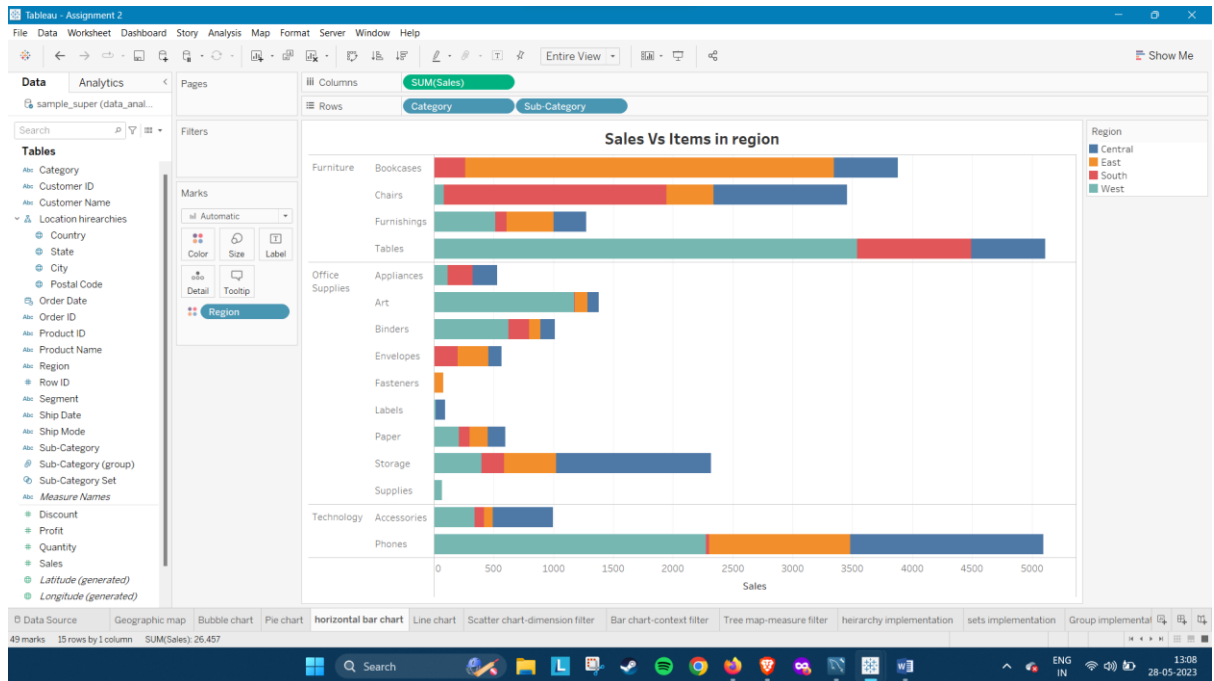
2. Bubble Chart



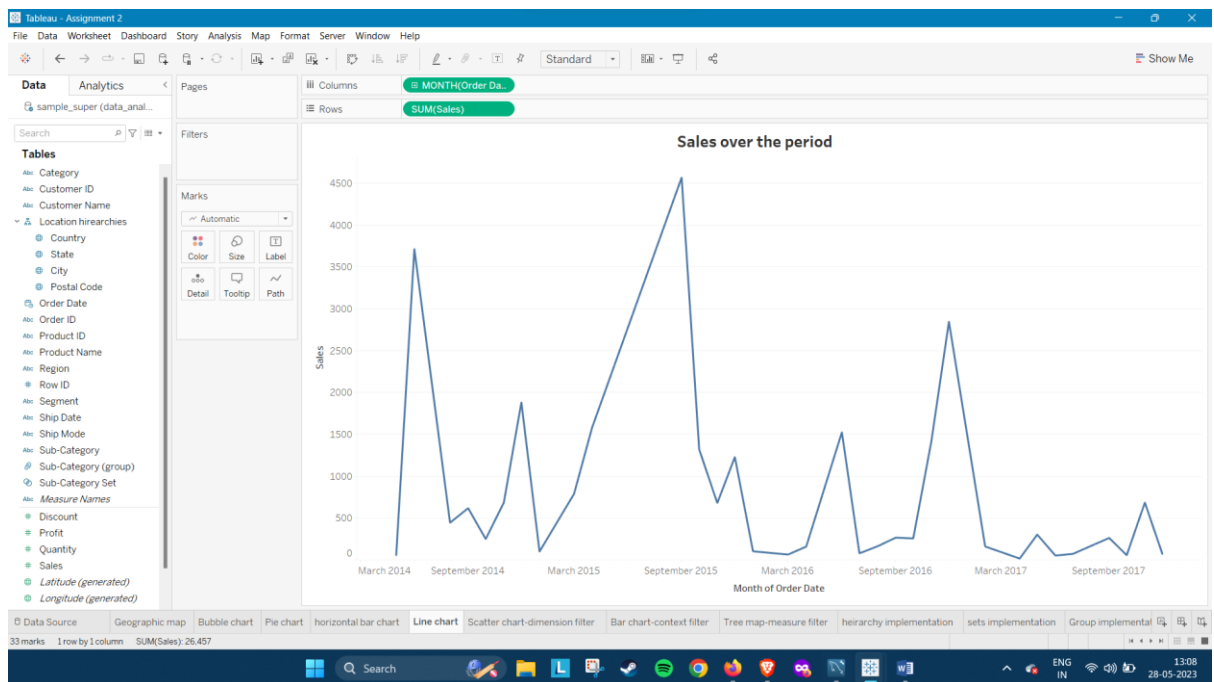
3. Pie chart



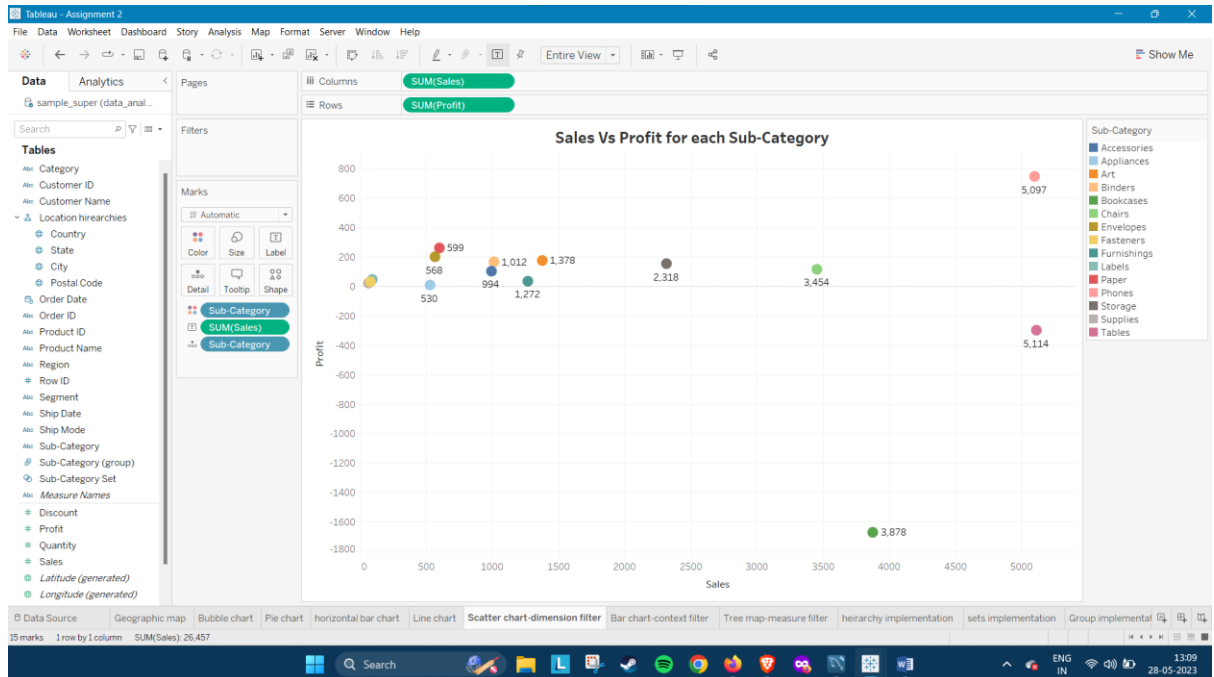
4. Horizontal Bar Chart



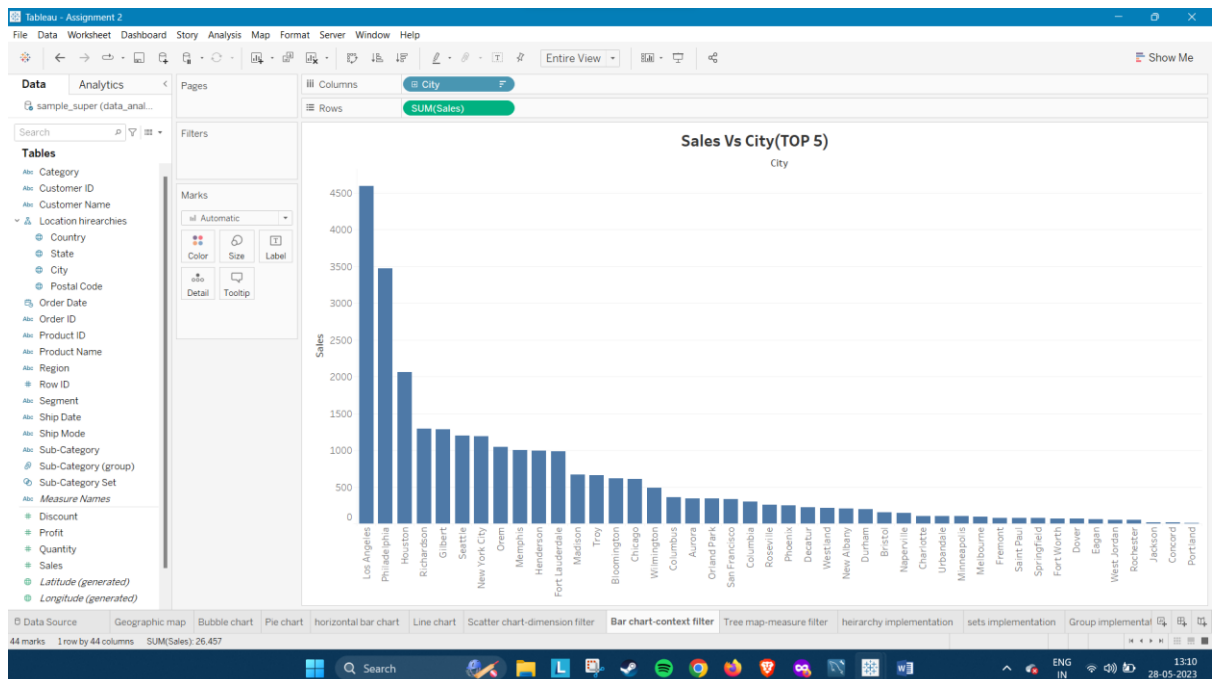
5. Line Chart



6. Scatter plot



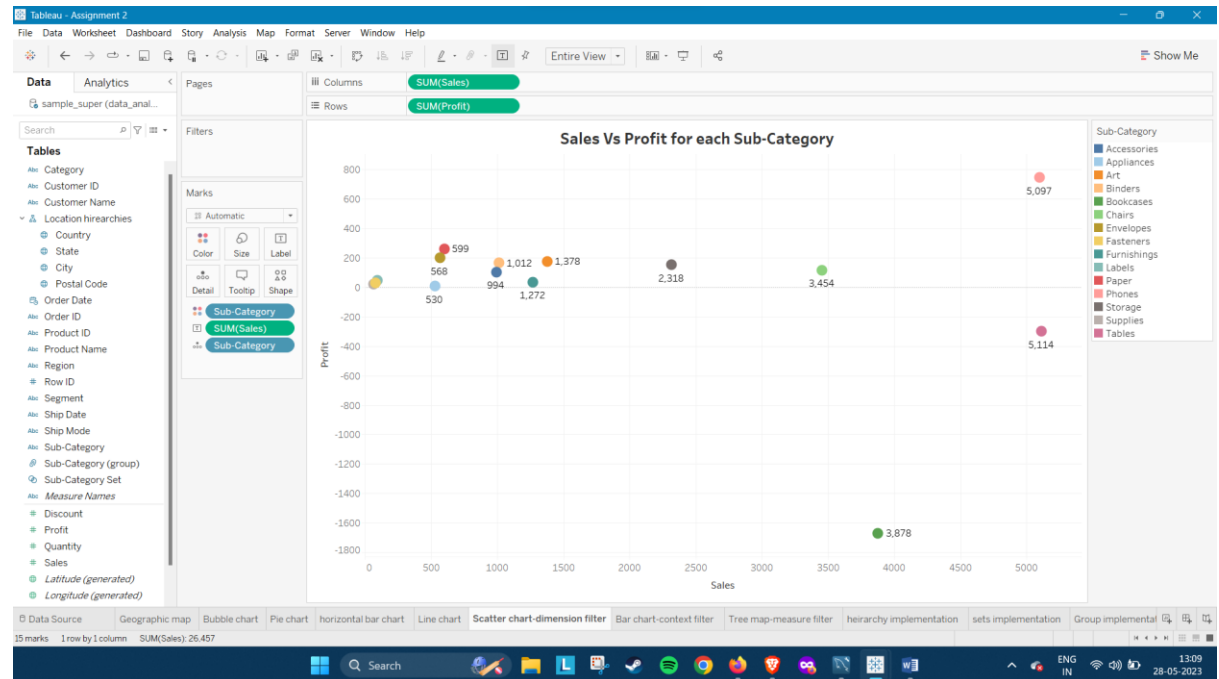
7. Bar Chart



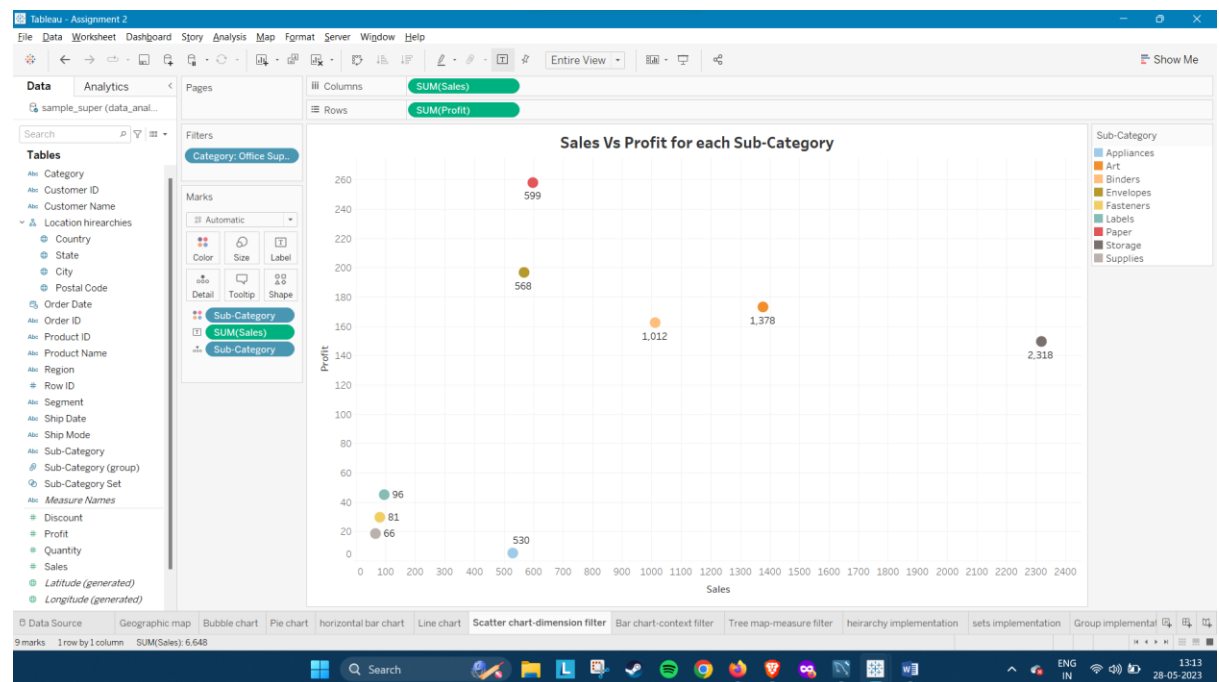
Applying Dimension Filter:

We apply dimension filter on the Scatter plot where we filter out only the dimension “Category: Office supplies”

Without filter:

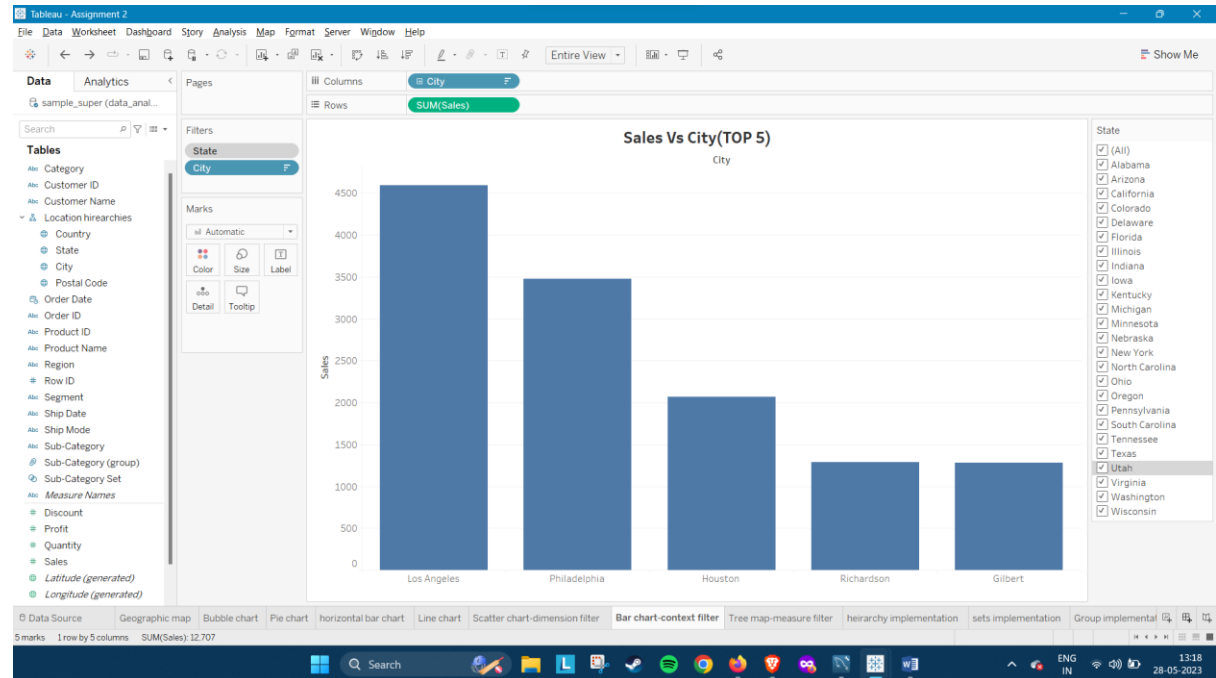


With filter:

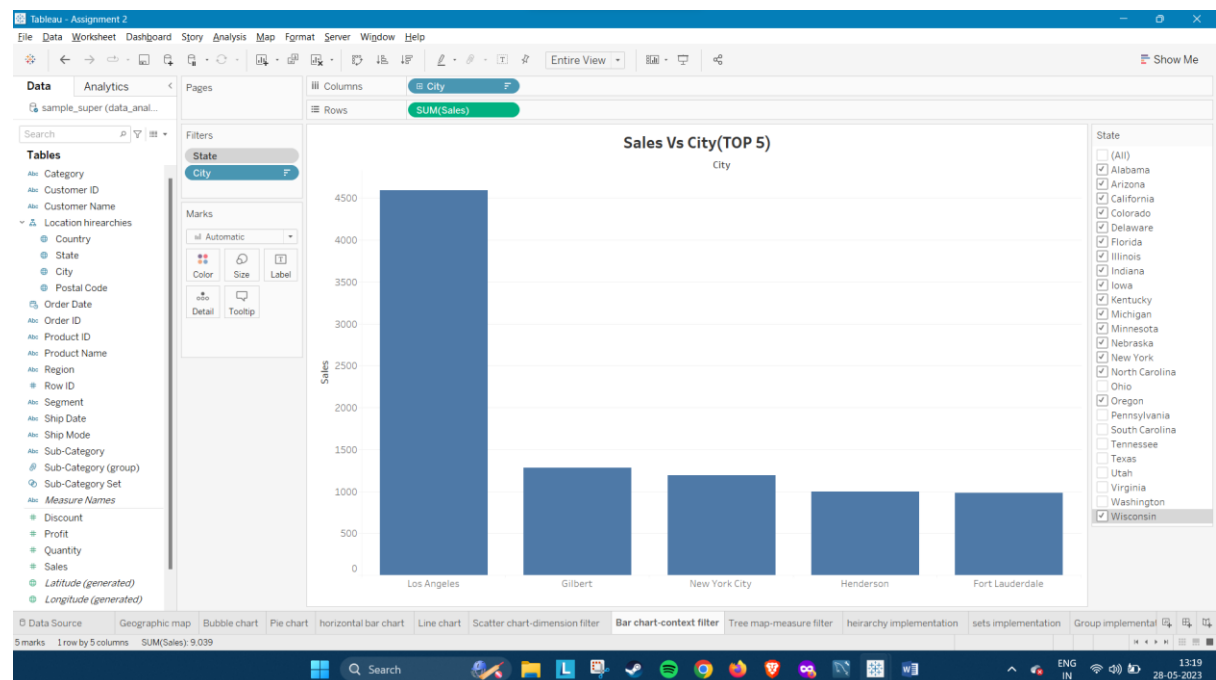


Applying Context Filter:

We apply the filter on the Bar Chart where we filter the TOP 5 cities without a context filter when some cities are deselected the TOP 5 might not be shown. Hence a context filter to always display the TOP 5.

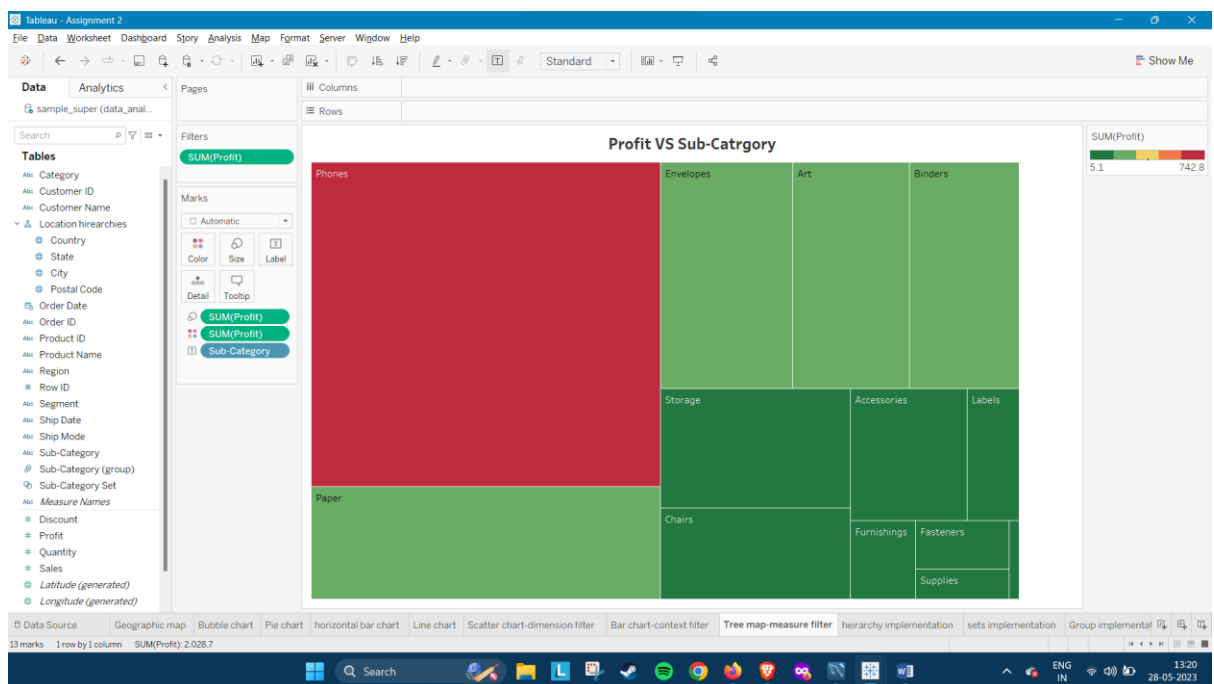
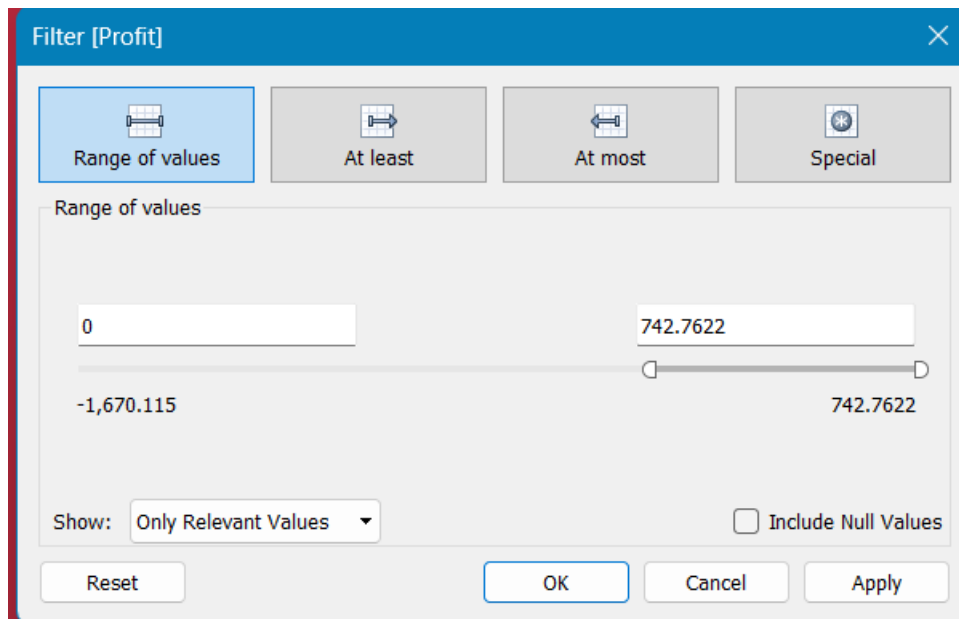


After deselecting:



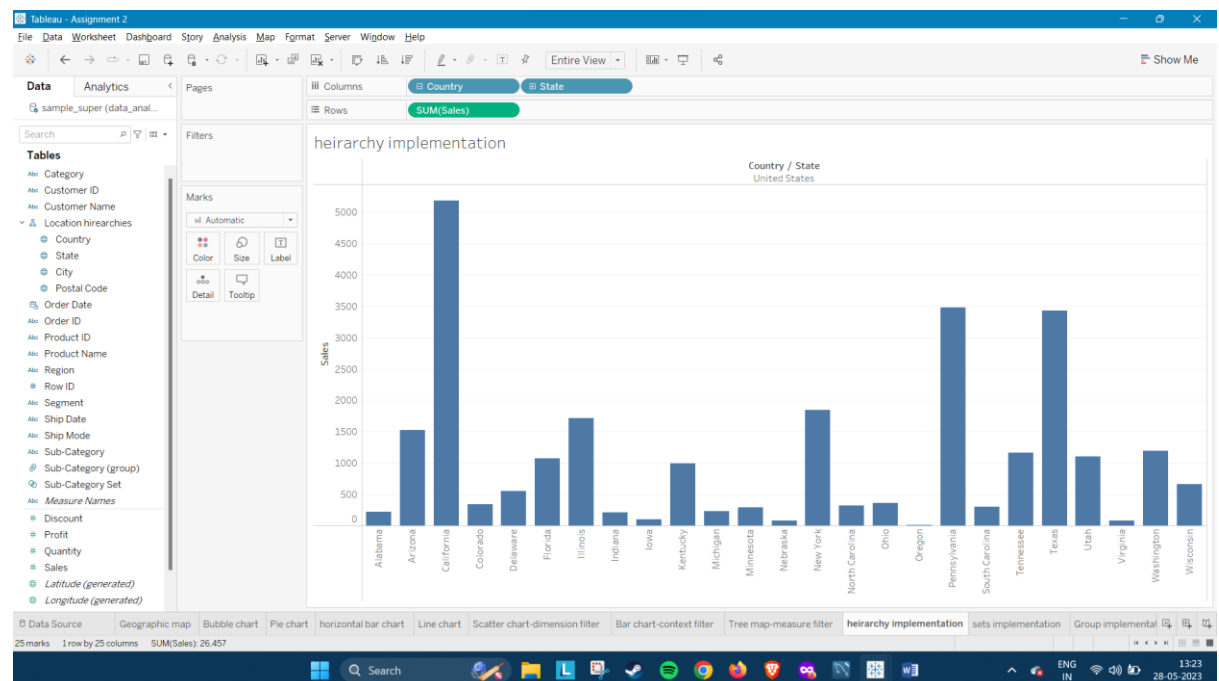
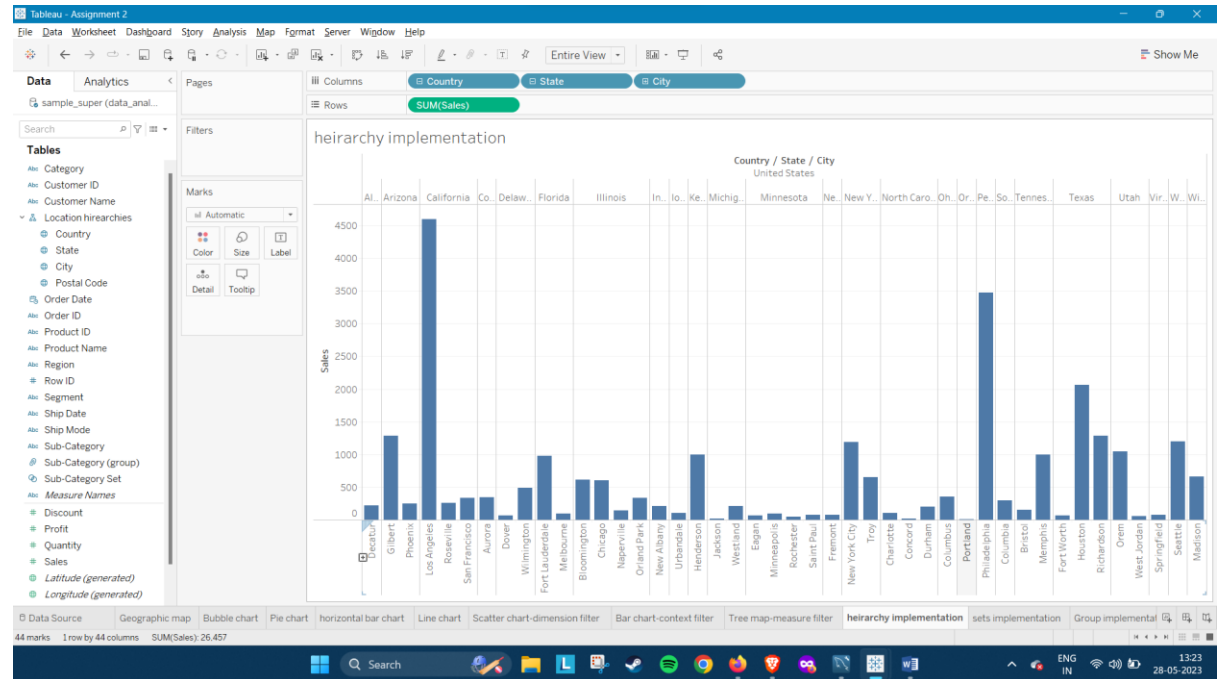
Applying Measure Filter:

We apply a measure filter on a tree map which measures all the positive profits.



Create a Hierarchy

We Create a hierarchy of locations



Create a set:

We create a set with only the top 10 profits and get insight of profits on a scatter chart.

Tableau 'Edit Set' dialog for 'Sub-Category Set'.

Name: Sub-Category Set

General | Condition | Top

☐ None

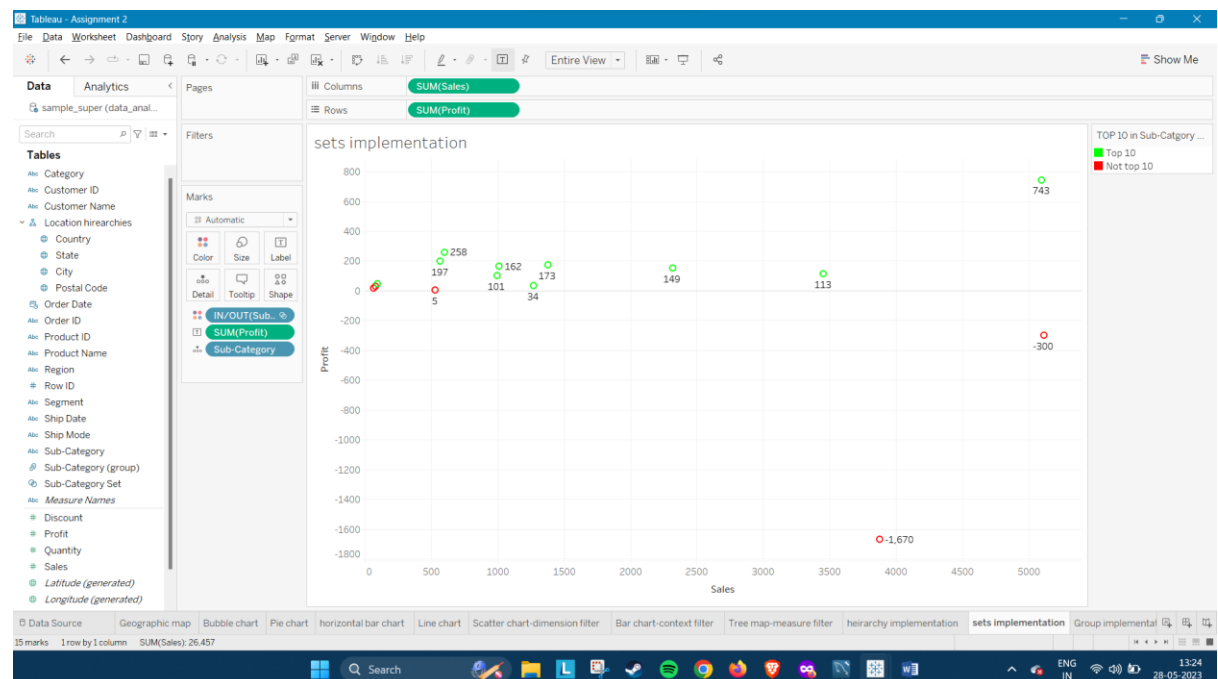
☒ By field:

Top 10 by Profit Sum

☐ By formula:

Top 10 by

Buttons: Reset, OK, Cancel, Apply



Create a group:

In this we group all the wooden products into one group and compare the sales with other items in the sub category list.

Edit Group [Sub-Category (group)]

Field Name: Sub-Category (group)

Groups: Add to:

Accessories

Appliances

Art

Binders

Bookcases

> Wooden products

Envelopes

Fasteners

Labels

Paper

Phones

Supplies

Group

Rename

Ungroup

☒ Show Add Location

☐ Include 'Other'

Find >>

Reset

OK

Cancel

Apply

