

ASSIGNMENT – 3

NAME : G NITHISH KANNA

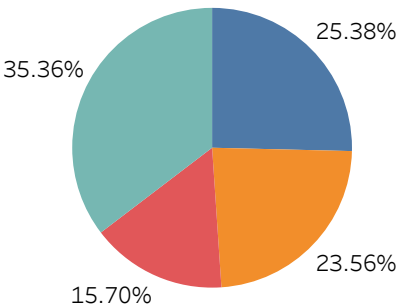
REGISTER NUMBER : 20BCE1304

CAMPUS : VIT, Chennai

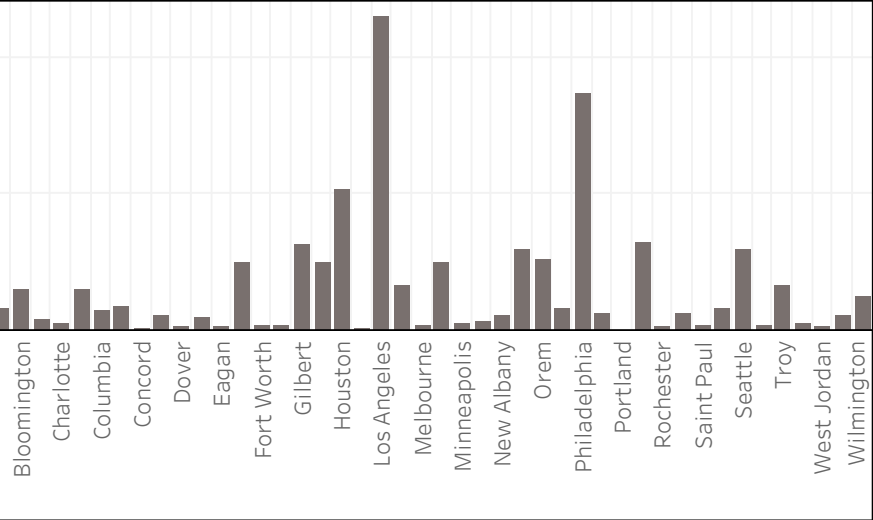
1. Create the following with whatever visualizations you have built in assignment-1 & 2 (if you want you can also create new visualizations).

- Dashboard

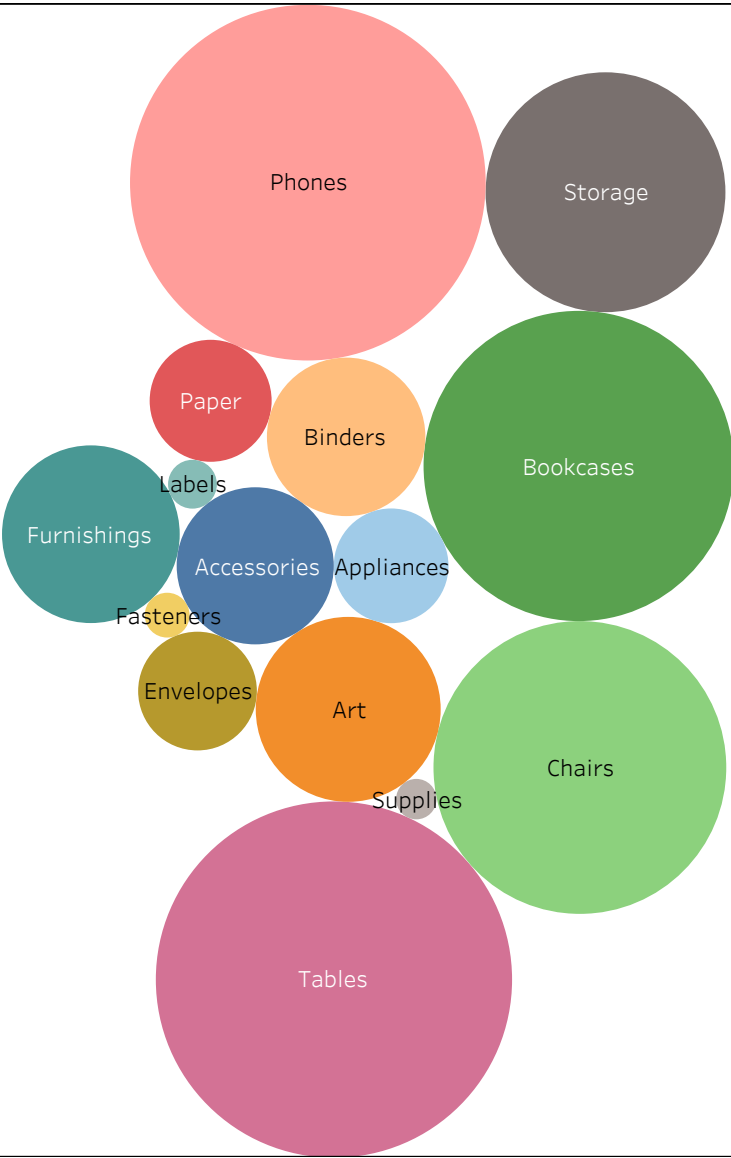
Region vs Sales



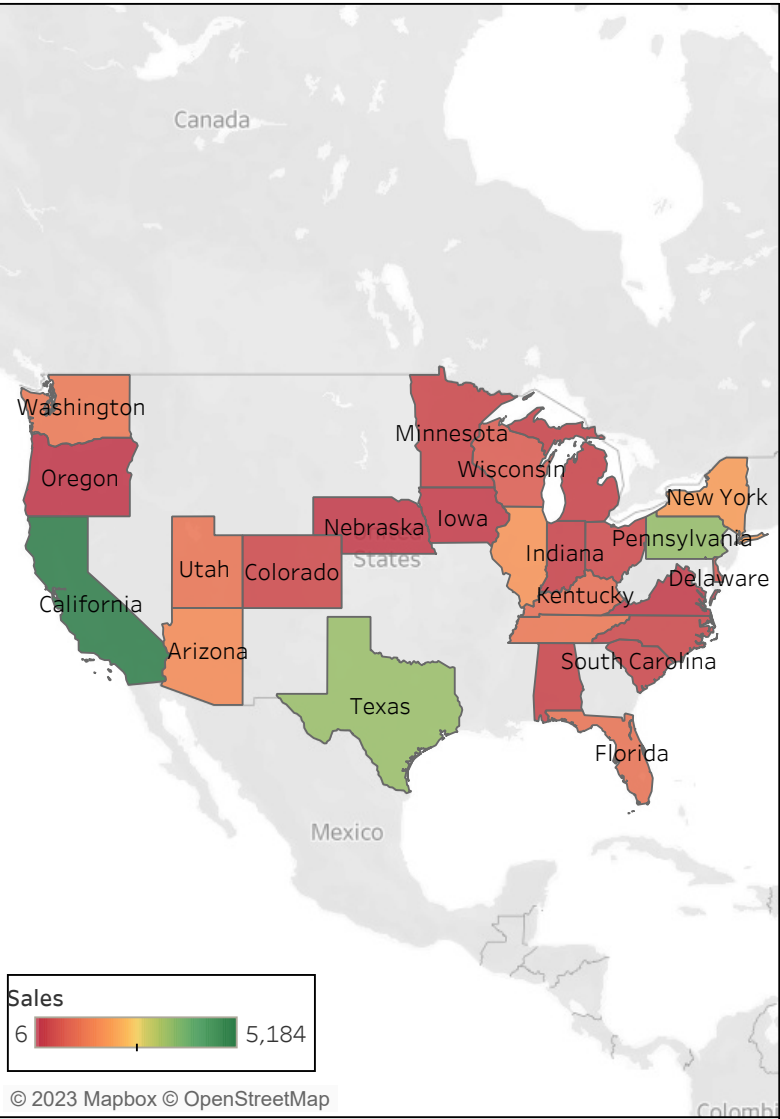
Sales vs City



Sub-Category vs Sales



State vs Sales

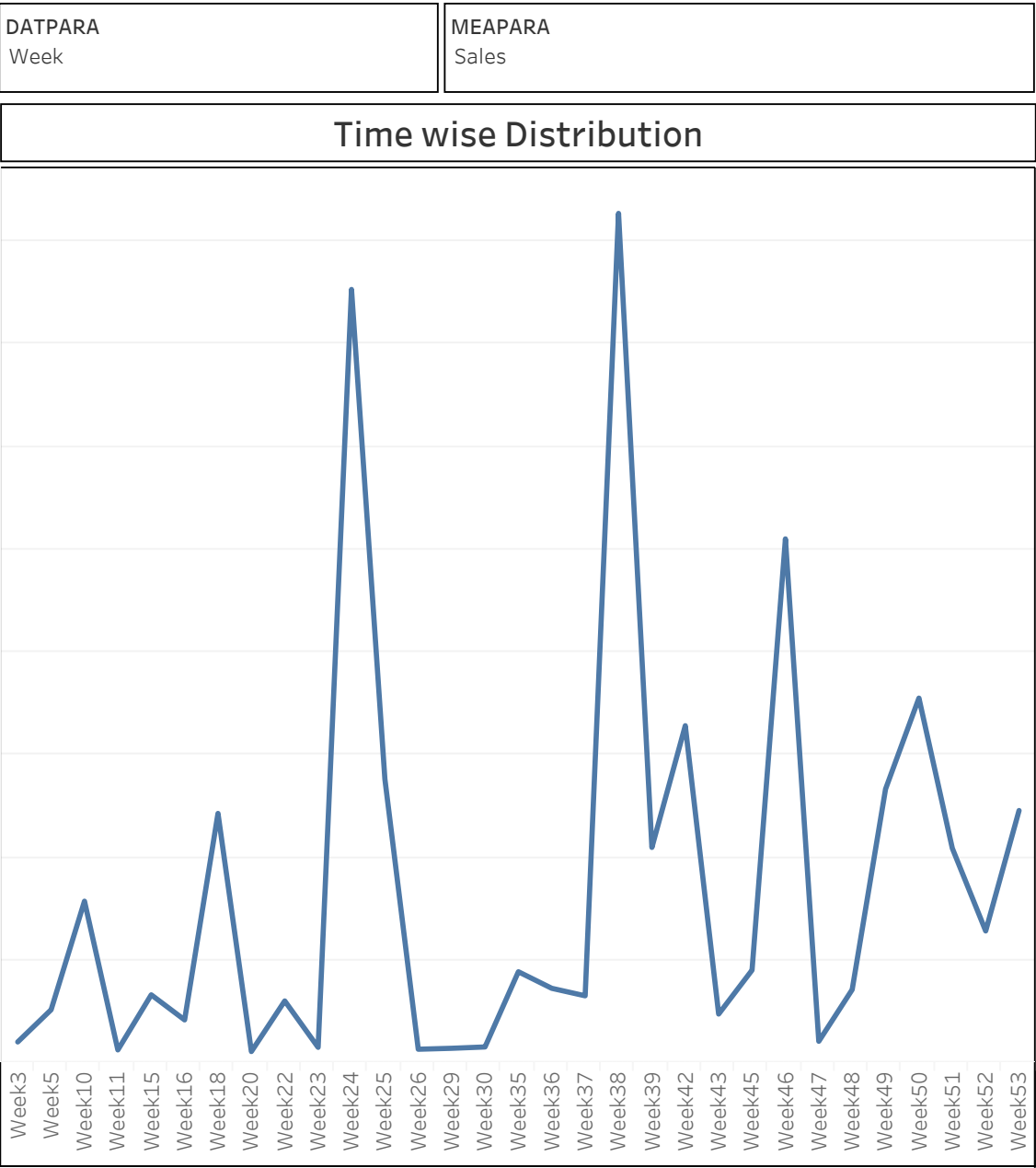
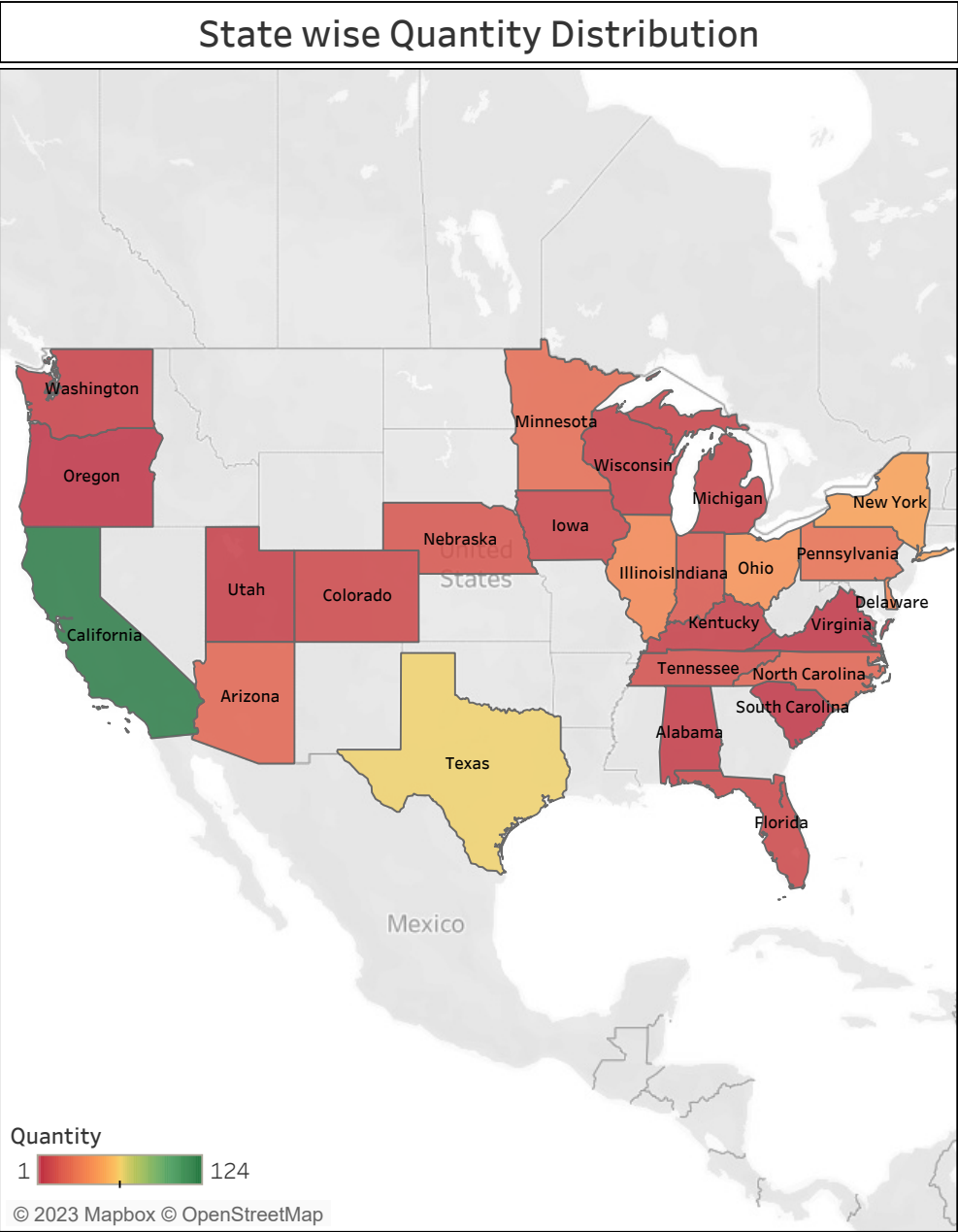


Superstore Sales Analysis

- The above dashboard visualises the sales trend over various dimensions.
- The Pie chart represents the region wise contribution to the total sales recorded. And this can be used as a filter. By selecting one or more regions the other visualisations are filtered accordingly.
- The Bar chart shows the extent of total sales in each city.
- The Bubble chart depicts the contribution of each sub-category to the total sales recorded. In which the size of the bubble represents the total sales of that sub-category.
- The Map chart represents the trend of sales across different states based on a colour scale.

Profit Ratio Distribution	
Sub-Category	
Accessories	0.1012
Appliances	0.0096
Art	0.1256
Binders	0.1606
Bookcases	-0.4307
Chairs	0.0329
Envelopes	0.3466
Fasteners	0.3679
Furnishings	0.0264
Labels	0.4706
Paper	0.4306
Phones	0.1457
Storage	0.0645
Supplies	0.2800
Tables	-0.0586

PRV



Superstore Product Sub-Category Analysis

- The above dashboard displays the various information about different sub-categories sold by the Superstore.
- The Profit Ratio table shows the profit ratio of the different sub-categories. Also, this table can be used as filter. By selecting one or more sub-categories from this table the other visualisations are filtered accordingly.
- The Map chart show the quantity of each sub-category sold in each of the state based on a colour scale.
- The line chart shows the trends of various measures of the sub-categories over different time range of order date. In the same chart measures like sales, actual revenue, profit and discount can be visualised in the time span of year, month, week and day with the help of **DATPARA** and **MEAPARA**. But in this snapshot the trend of sales over the time range of week alone is displayed.

1. Create the following with whatever visualizations you have built in assignment-1 & 2 (if you want you can also create new visualizations).

- Story

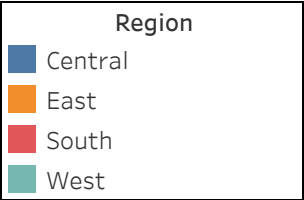
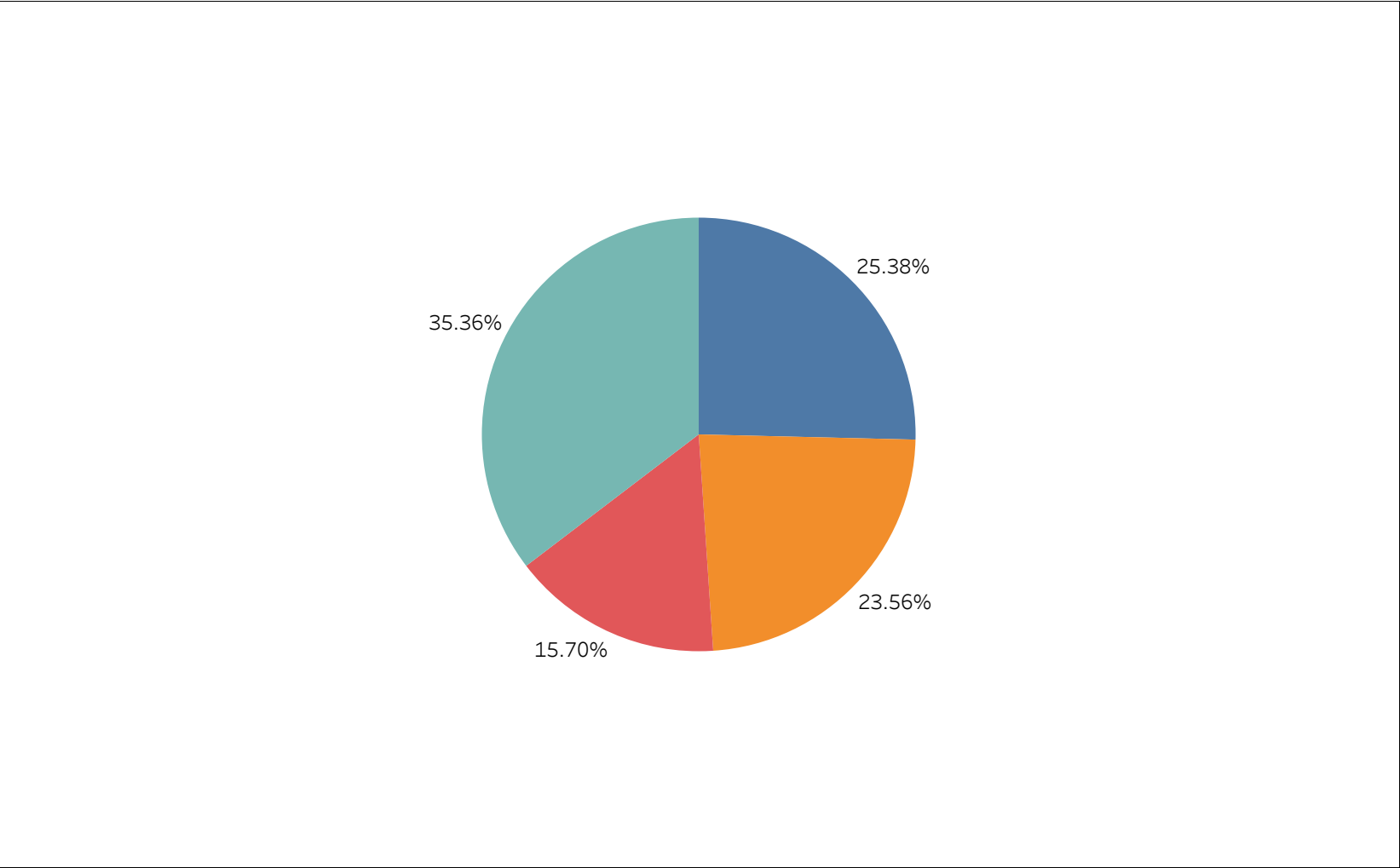
The pie chart shows the distribution of sales across regions

This visualisations shows the sales across various cities based on a color scale

This shows the trend of average sales across various cities

This heat map shows the intensity of sales across various sub-categories

This bar chart shows the sales over different time range of order date.



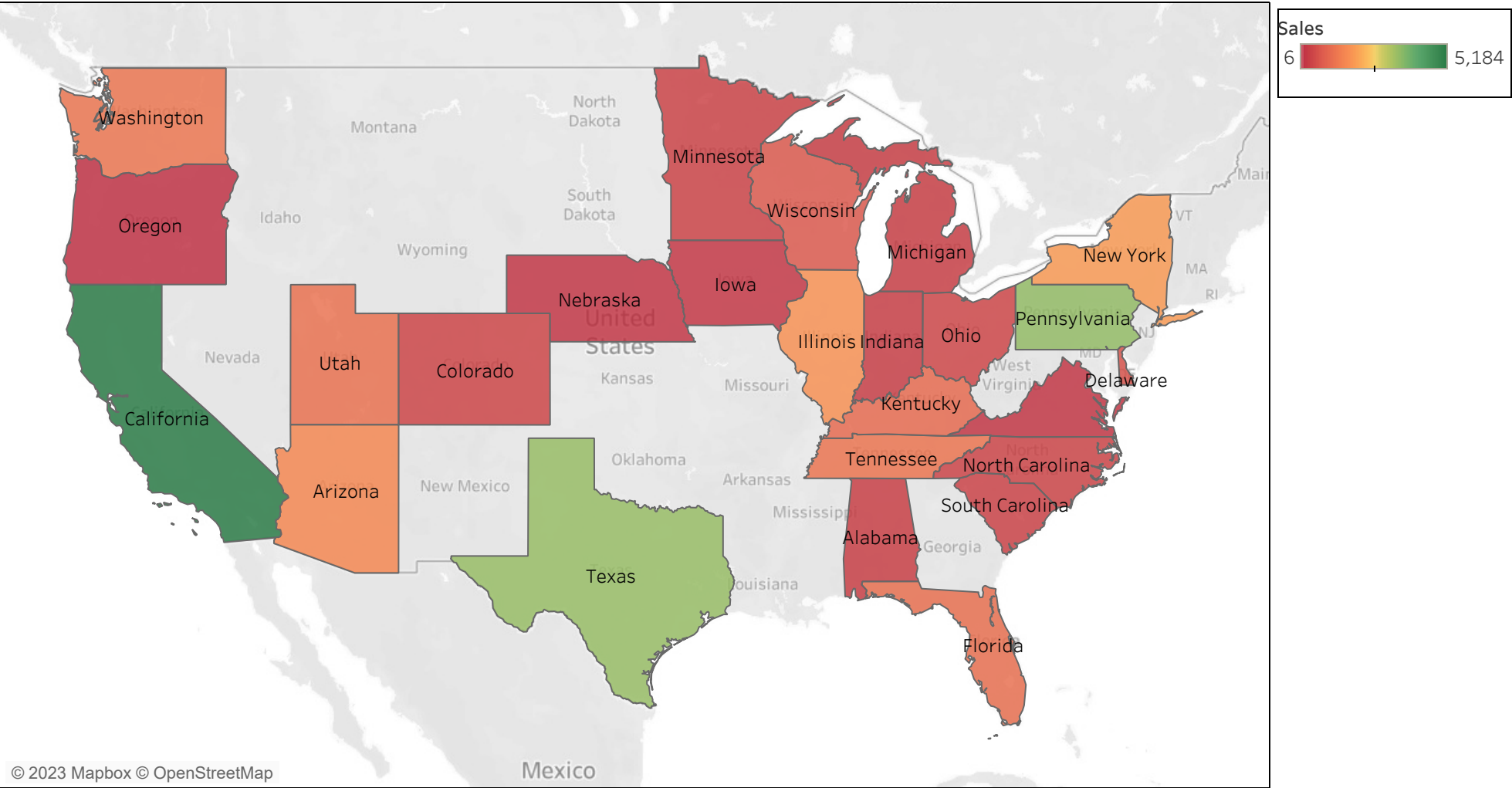
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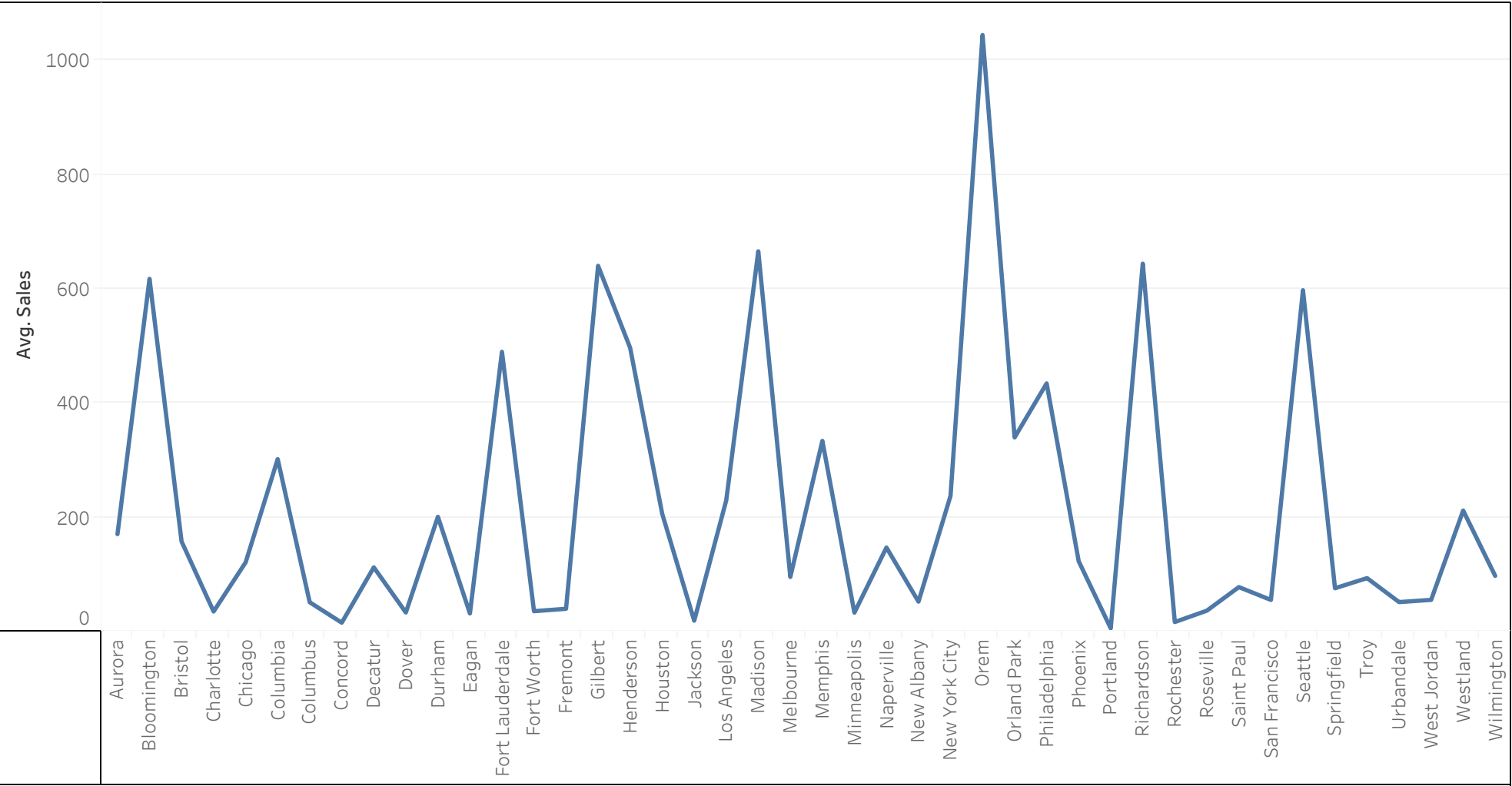
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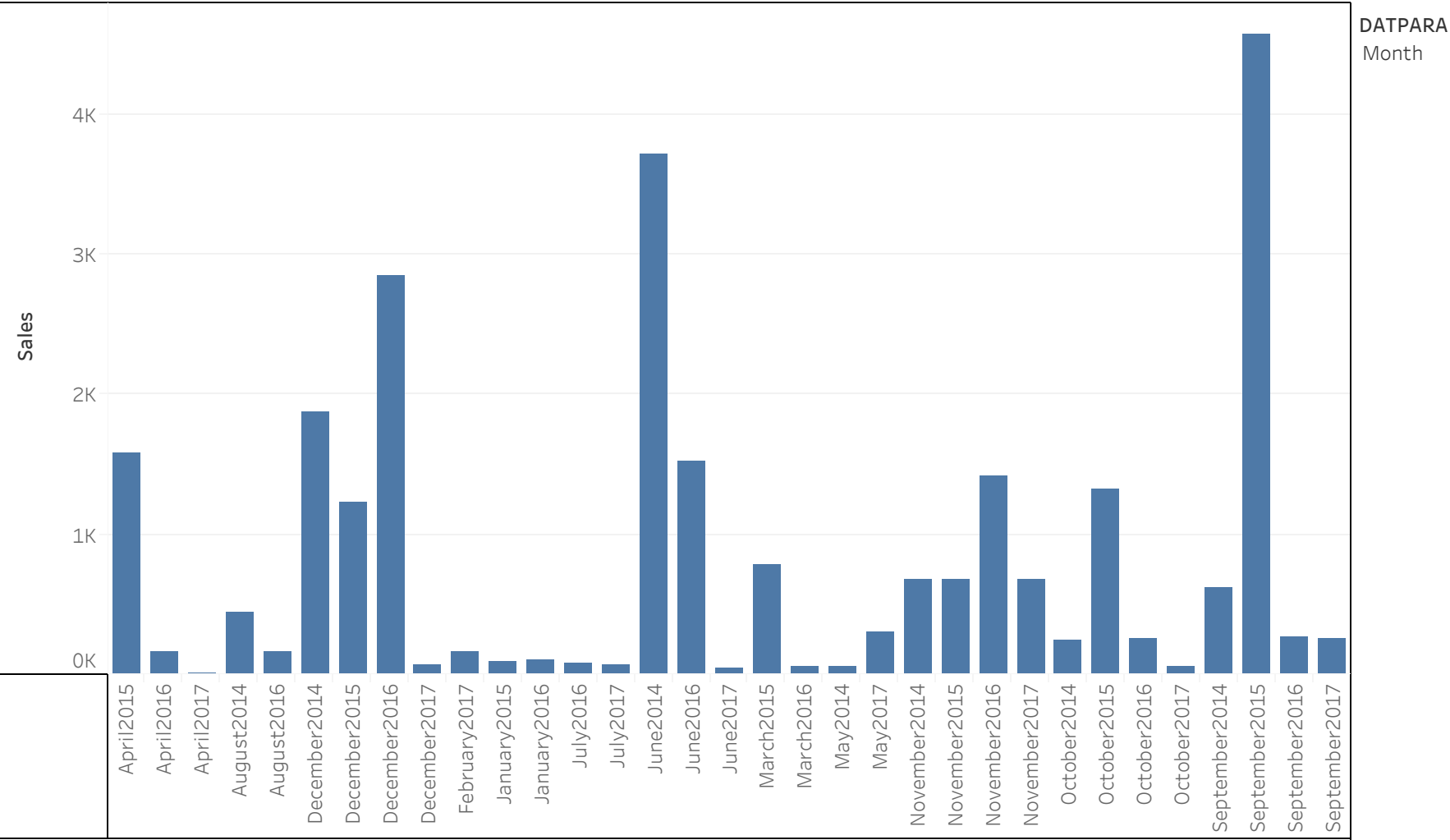
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This heat map shows the intensity of sales across various sub-categories

This bar chart shows the sales over different time range of order date.



Superstore Sales Analysis Story

- The last visualisation (bar chart) in the story shows the trend of sales over different time range of order date. In the same visualisation the trend of sales over year, month, week and day can be seen with the help of **DATPARA** parameter. But in this snapshot the trend of sales over month time range alone is displayed.

2. Publish the dashboard & story on to tableau public server.

DASHBOARD LINK :

https://public.tableau.com/views/SuperstoreSalesAnalysis_16859806504530/Dashboard?:language=en-GB&publish=yes&:display_count=n&:origin=viz_share_link

STORY LINK :

https://public.tableau.com/views/SuperstoreAnalysisStory_16859810313980/Story?:language=en-GB&publish=yes&:display_count=n&:origin=viz_share_link