ASSIGNMENT 1

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1) Download tableau desktop & Mysql in your PC or laptop
2) Create a new schema in your Mysql workbench and upload your data
3) Connect your Mysql and Tableau
4) Create the below 5 charts/plots
● Bar chart
● Tree map
● Heatmap
● Pie chart
● Horizontal bar chart

Bar chart

Sales by Sub-Category:

Plotting the total sales on the y-axis and the Sub-Category on the x-axis. This bar chart gives insights into which sub-categories generate the most sales, allowing you to identify the most popular product categories.

Pie chart
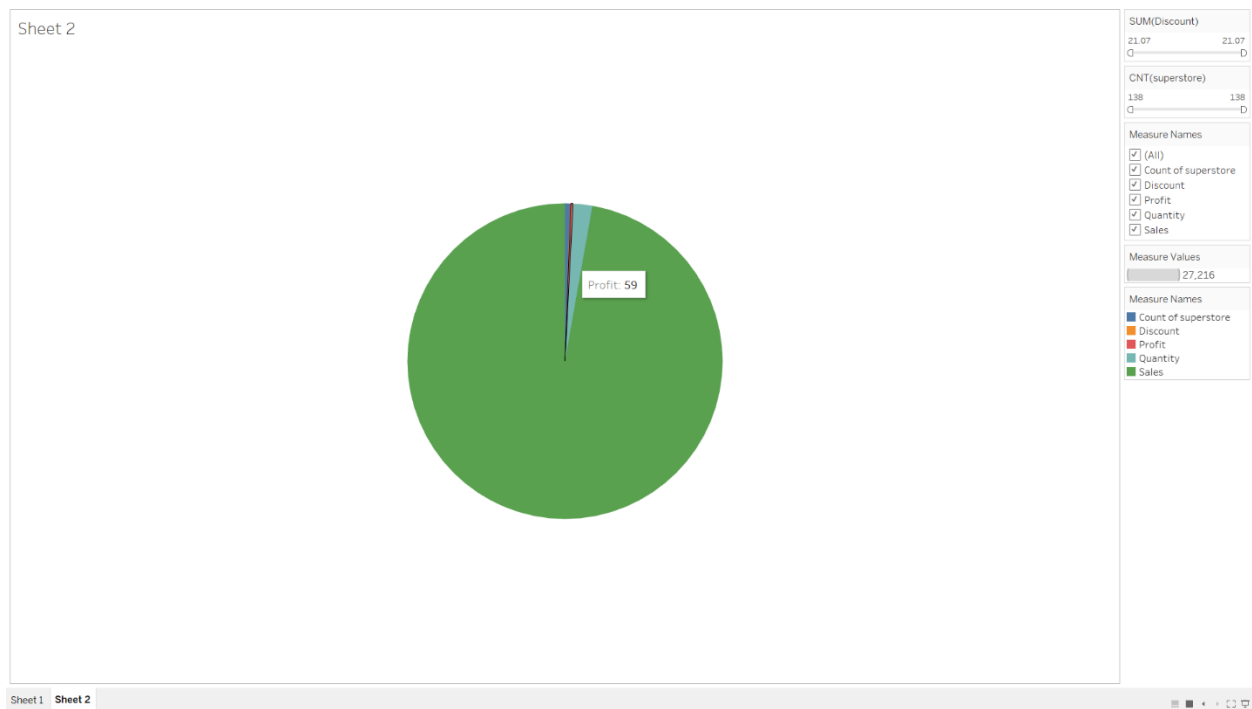
Proportion of Sales by Category:

Each slice represents the proportion of count of the superstore, discount, profit, sales contributed by each category, and quantity. This visualization allows you to see the relative distribution of these factors and identify which categories are more significant in terms of overall superstores.

Tree Map
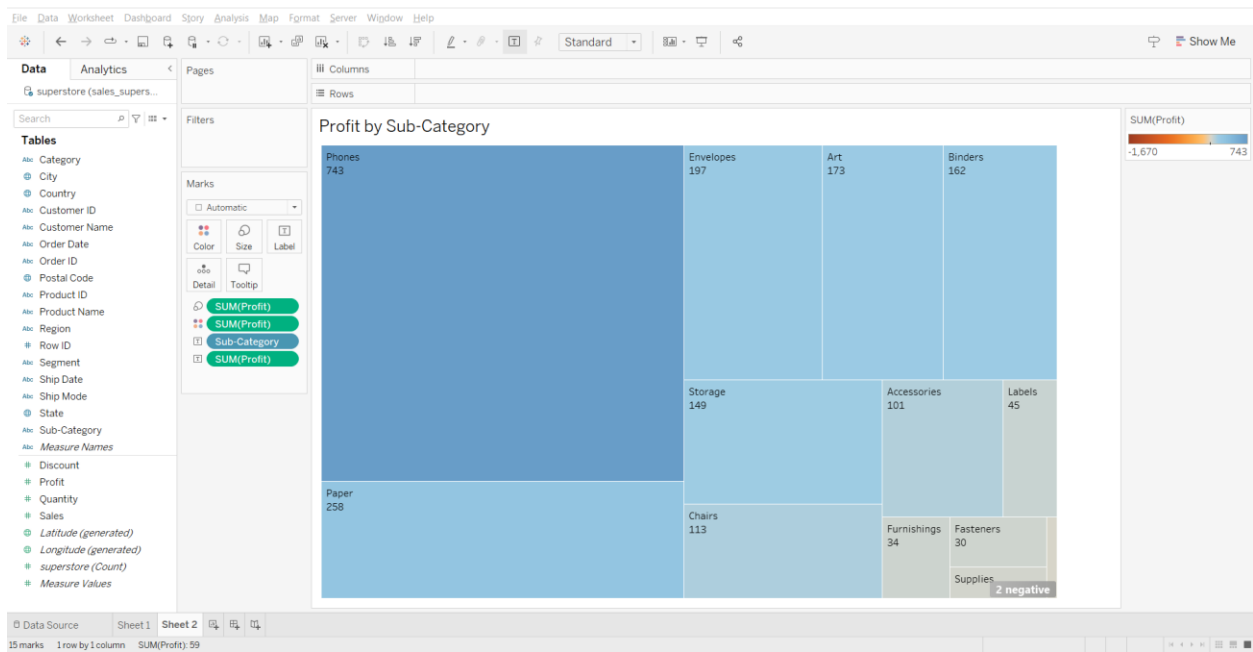
Profit by Category and Sub-Category:

The treemap represents the profit generated by each category and sub-category. The size of the rectangles can represent the profit amount, allowing us to identify the most profitable areas of the business.

Heatmap

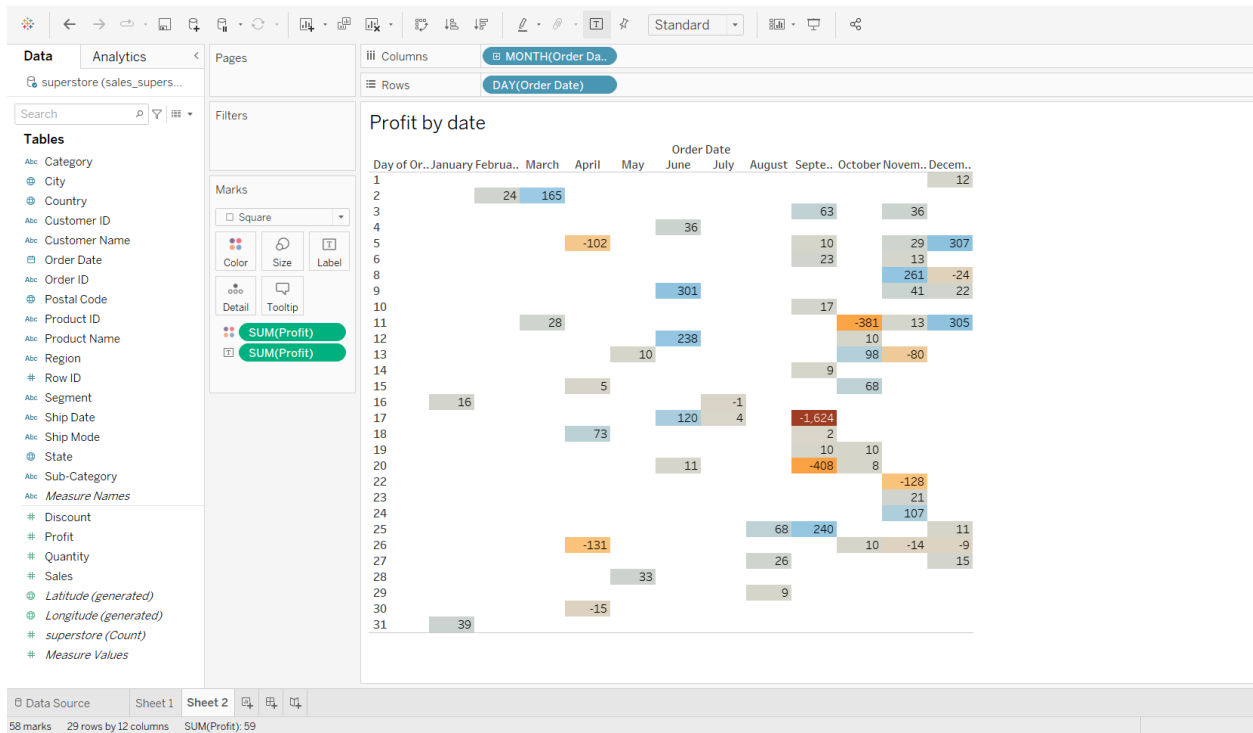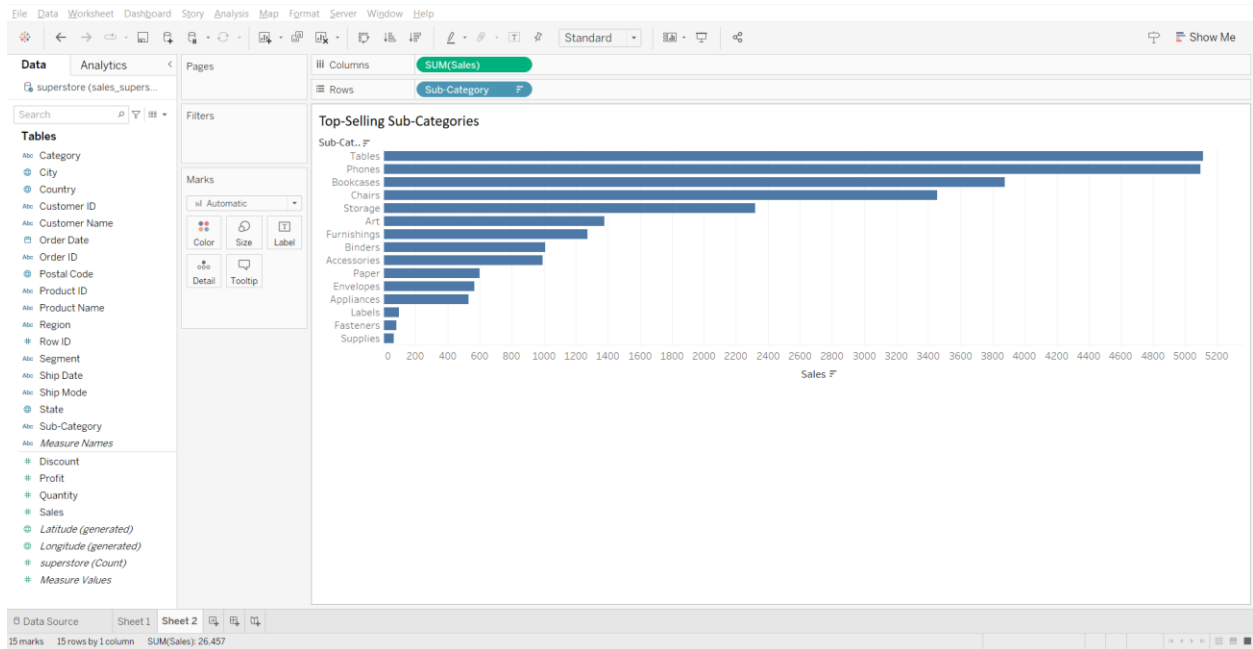## Profit by Date:

The heatmap represents the profit values over a period of time. The x-axis can represent the months, the y-axis can represent the days, and the color intensity can depict the profit amount. This analysis helps you identify which day the most profit was generated.

Horizontal bar chart

Top-Selling Sub-Categories:

The horizontal bar chart with the y-axis representing different sub-categories and the x-axis representing the total sales. This visualization identifies the top-selling categories and compares their sales performance.