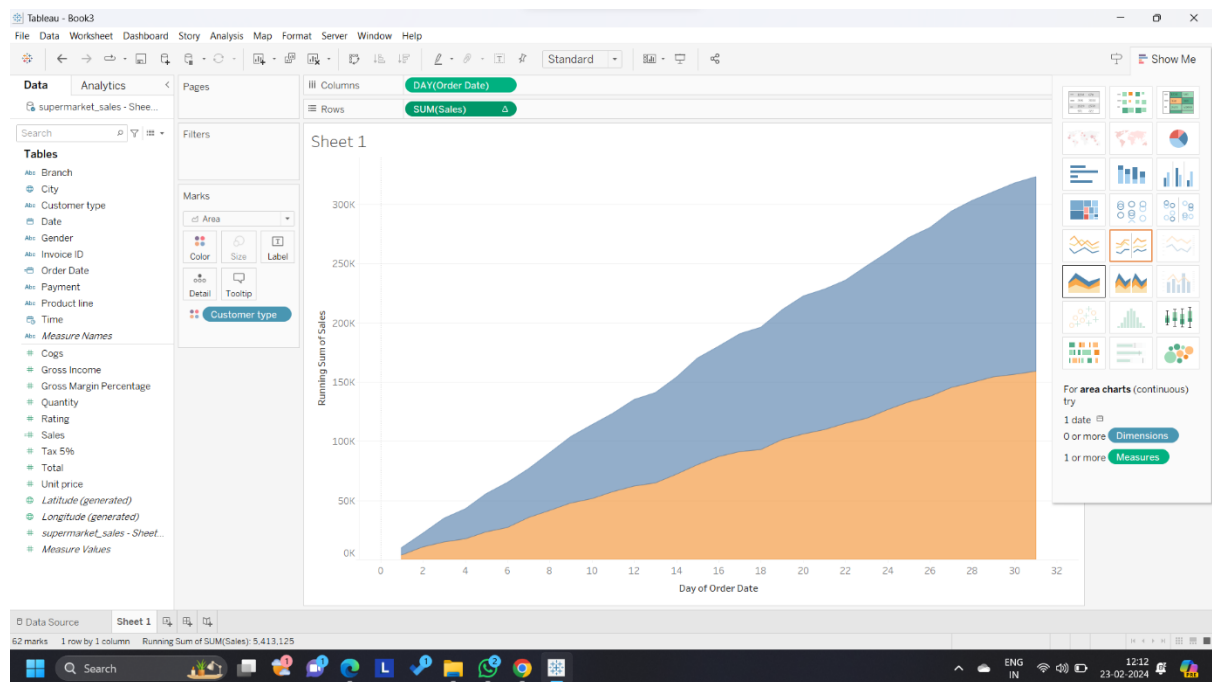# DATA ANALYTICS USING TABLEAU

ASSIGNMENT-2

By using the dataset of supermarket_sales - Sheet1 we need to build different visualization using different datasets and then we need to delete unnecessary fields. Need to build the visualization using fields.
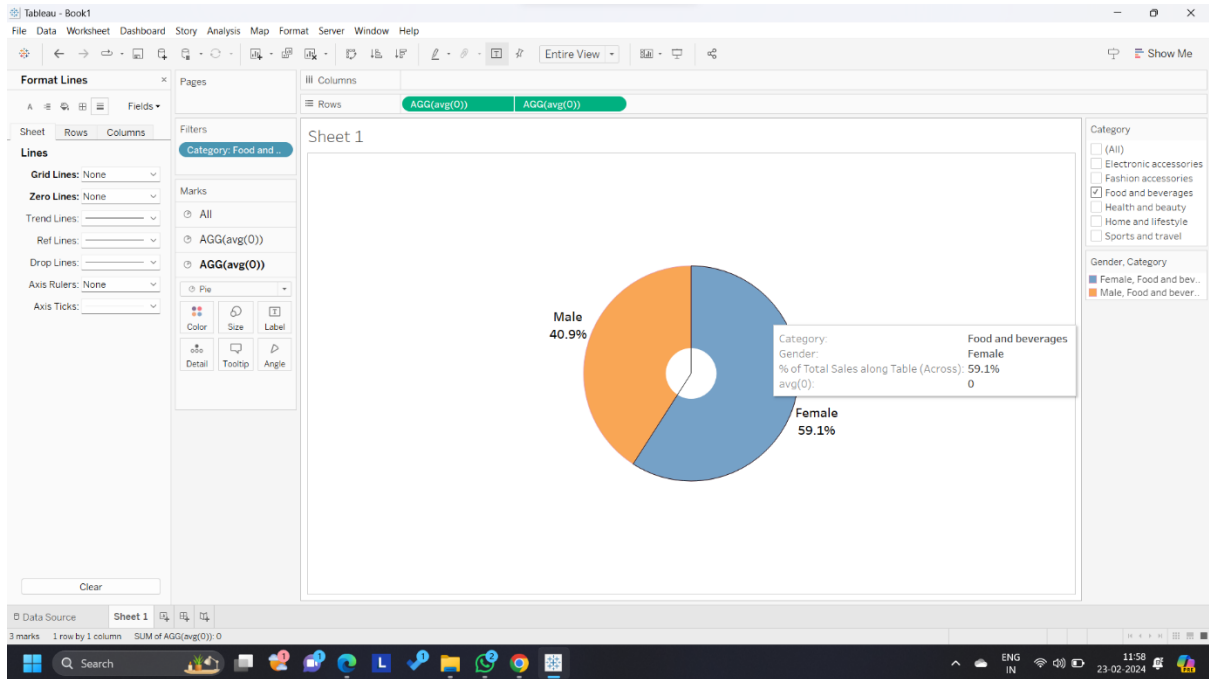
AREA CHART

Area charts in tableau shows relationship between different aspects or dimensions in a dataset. This relationship is shown as the proportion of totals or percentage. An area chart is a powerful data visualization tool that combines the simplicity of a line chart with the emphasis on cumulative values.
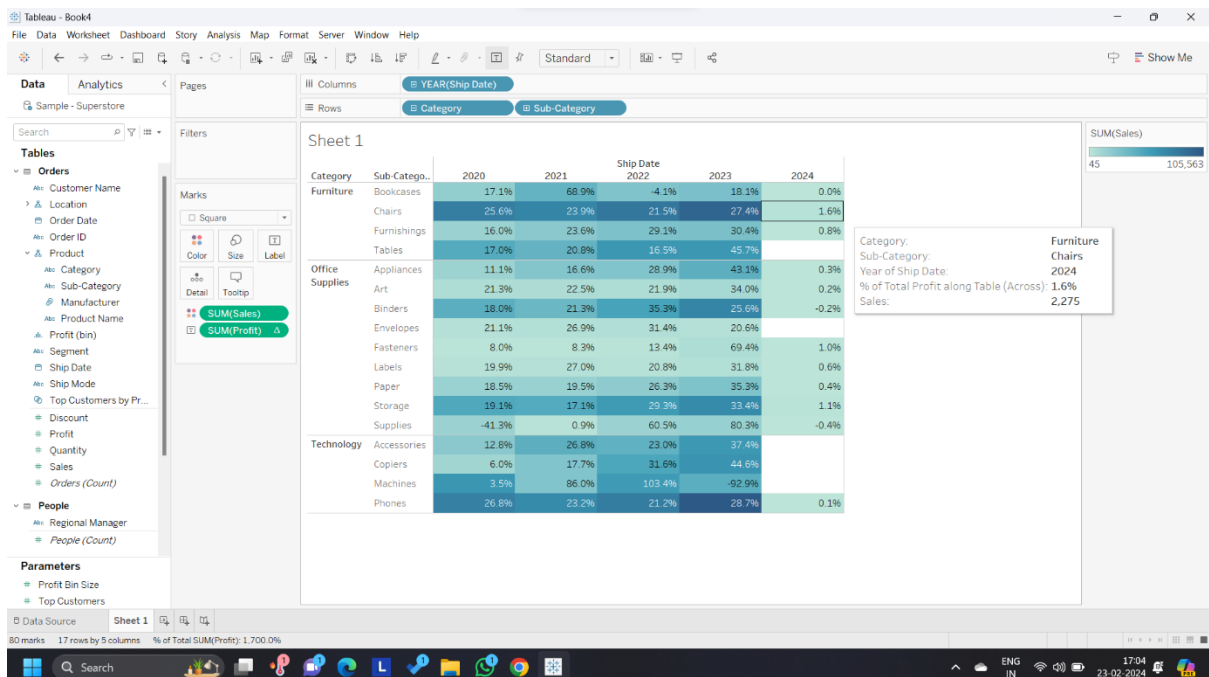

DONUT CHART

A donut chart in tableau is a type of data visualization that resembles a pie chart with a hole in the center. It displays data as segmented rings, making visualizing proportions and comparisons within a data set easy. Donut Chart are used to show the proportions of categorical data.

HIGHLIGHTED TABLE

Highlight tables are text tables enhanced through the use of colour to show high and low values. Suppose you have a financial spreadsheet that tracks revenue, Loss, profit, net income, costs, and sales. You can use different colours on the measure value for each data point labelled.

TEXT TABLE

Text tables, otherwise known as matrics, pivot tables, or crosstabs, present numerical data in rows and columns. These tables support adding up and reviewing specific values within a data set. They also organize values and percentages so users can find the numbers they need.
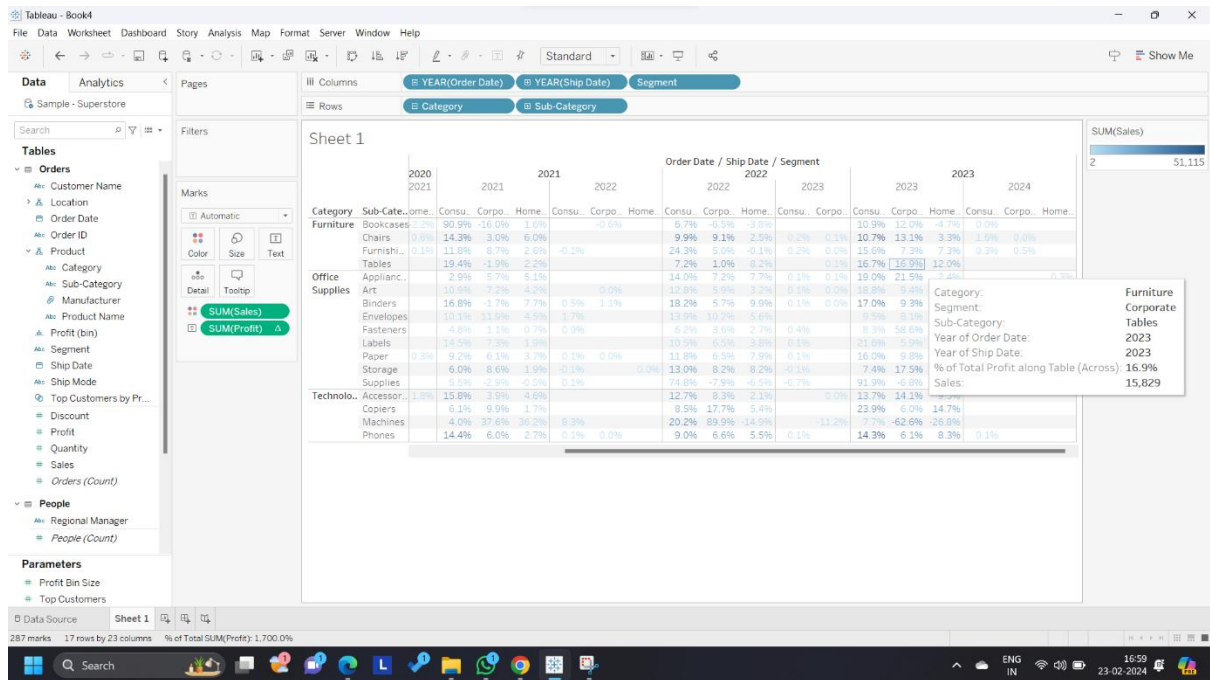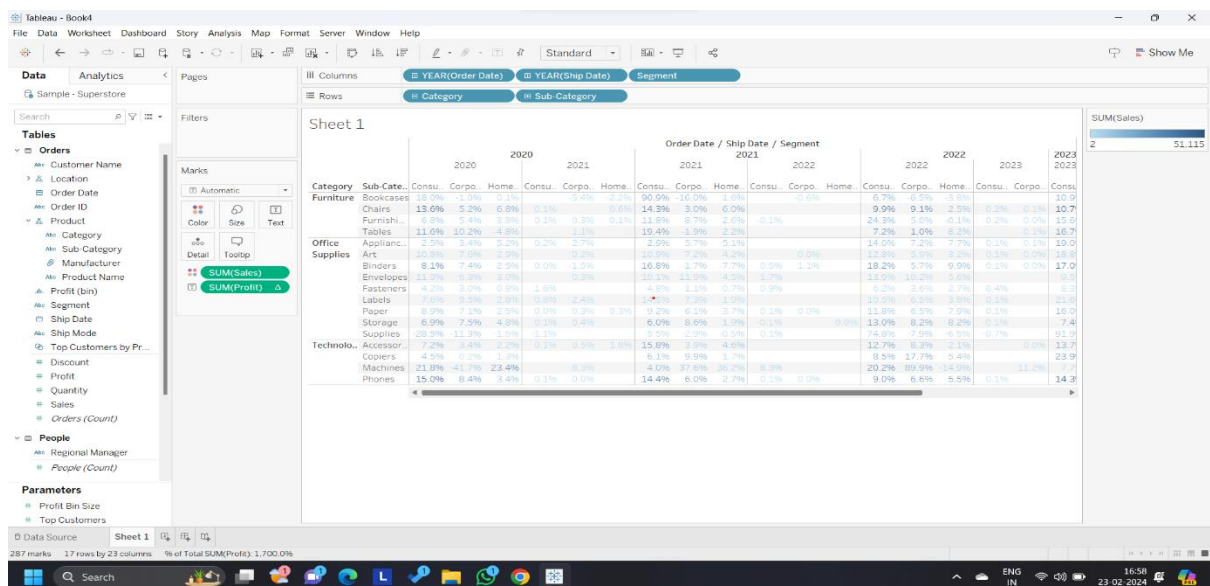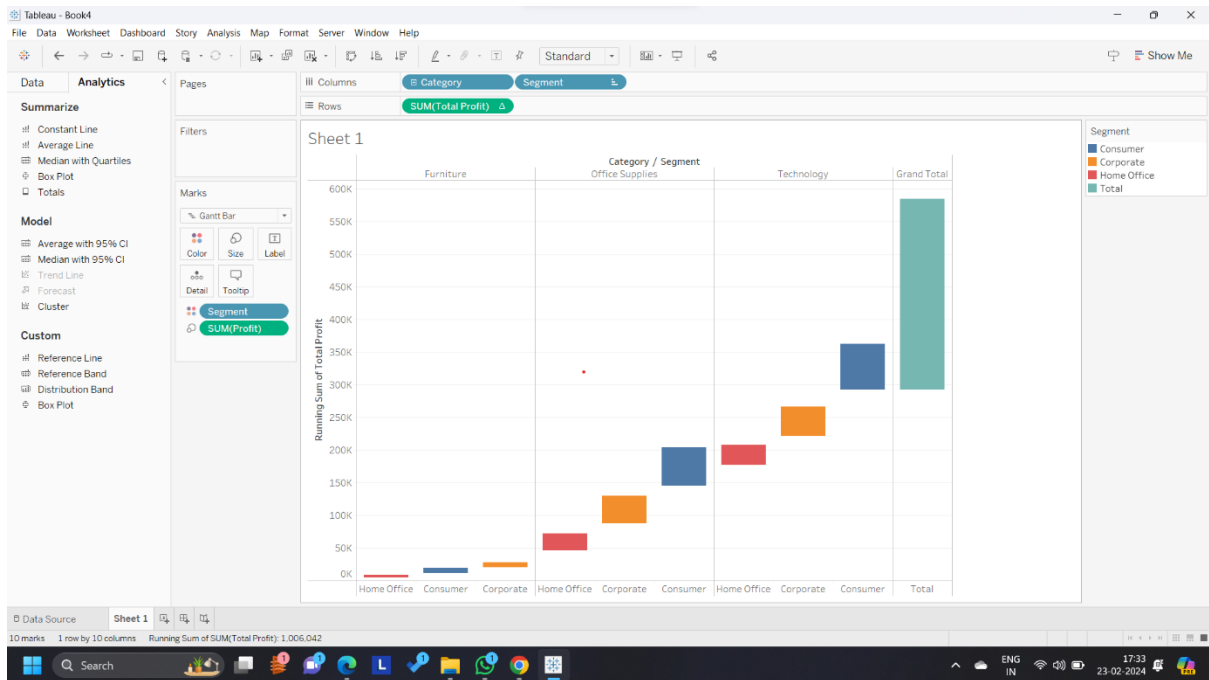

Fig-1

Fig-2

WATERFALL

A waterfall chart shows a running total as values are added or subtracted. Its useful for understanding how an initial value (for example, net income) is affected by a series of positive and negative values. The column are colour coded so you can quickly tell positive from negative.
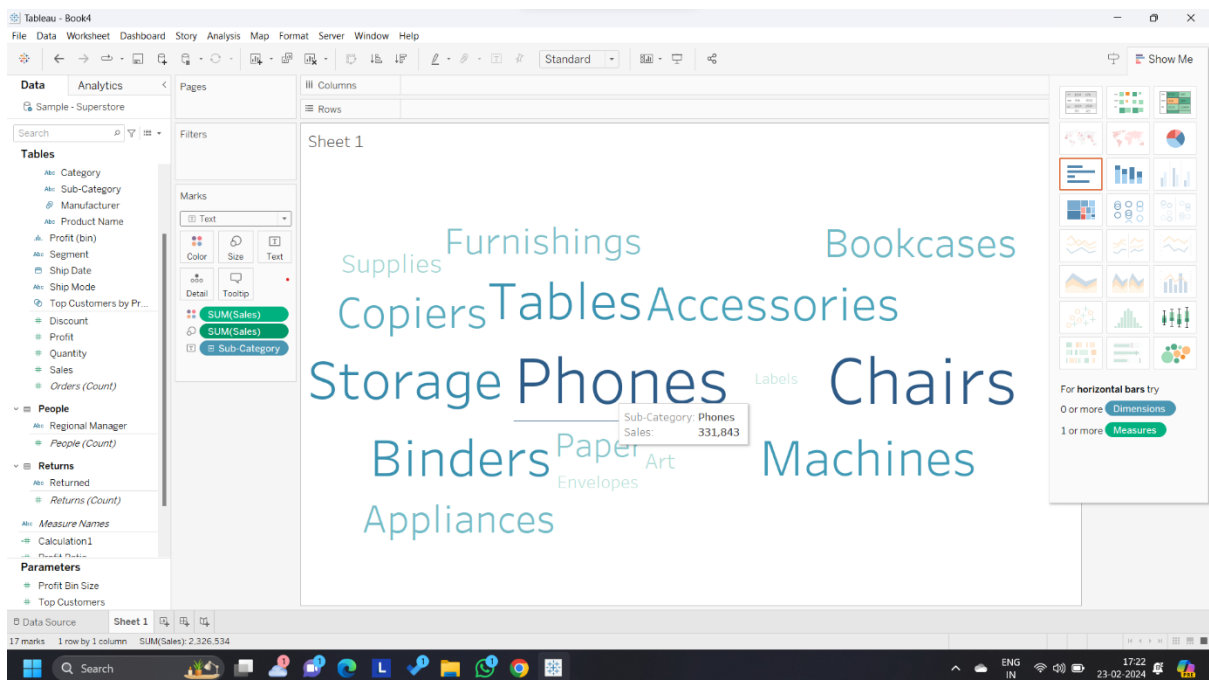

WORD CLOUD

Tableau cloud, previously known as tableau Online, is a fully hosted SaaS solution that enables organizations to access and analyze data through a web browser without needing on premises infrastructure.

FUNNEL CHART

One such feature in data visualization is the tableau funnel chart. Unlike other tools, Tableau allows the user to merge different dimensions through calculated fields and make a simple-looking presentation more intuitive. Funnel charts provide a great way to represent complex data fields interactive with each other.