

DA Assignment - 1

Assignment Information

The growth of supermarkets in most populated cities is increasing and market competitions are also high. The dataset is one of the historical sales of supermarket company which has recorded in 3 different branches for 3 months data.

Attribute Information

Invoice id: Computer-generated sales slip invoice identification number

Branch: Branch of supercenter (3 branches are available identified by A, B and C).

City: Location of supercenters

Customer type: Type of customers, recorded by Members for customers using member cards and Normal for those without member cards.

Gender: Gender type of customer

Product line: General item categorization groups - Electronic accessories, Fashion accessories, Food and beverages, Health and beauty, Home and lifestyle, Sports and travel

Unit price: The price of each product in \$

Quantity: Number of products purchased by the customer

Tax: 5% tax fee for customers buying

Total: Total price including tax

Date: Date of purchase (Record available from January 2019 to March 2019)

Time: Purchase time (10 am to 9 pm)

Payment: Payment used by the customer for the purchase (3 methods are available Cash, Credit card and Ewallet)

COGS: Cost of goods sold

Gross margin percentage: Gross margin percentage

Gross income: Gross income

Rating: Customer stratification rating on their experience (scale of 1 to 10)

Task

Dataset: [Link](#)

Task:

Upload the dataset to Tableau, delete the unnecessary columns

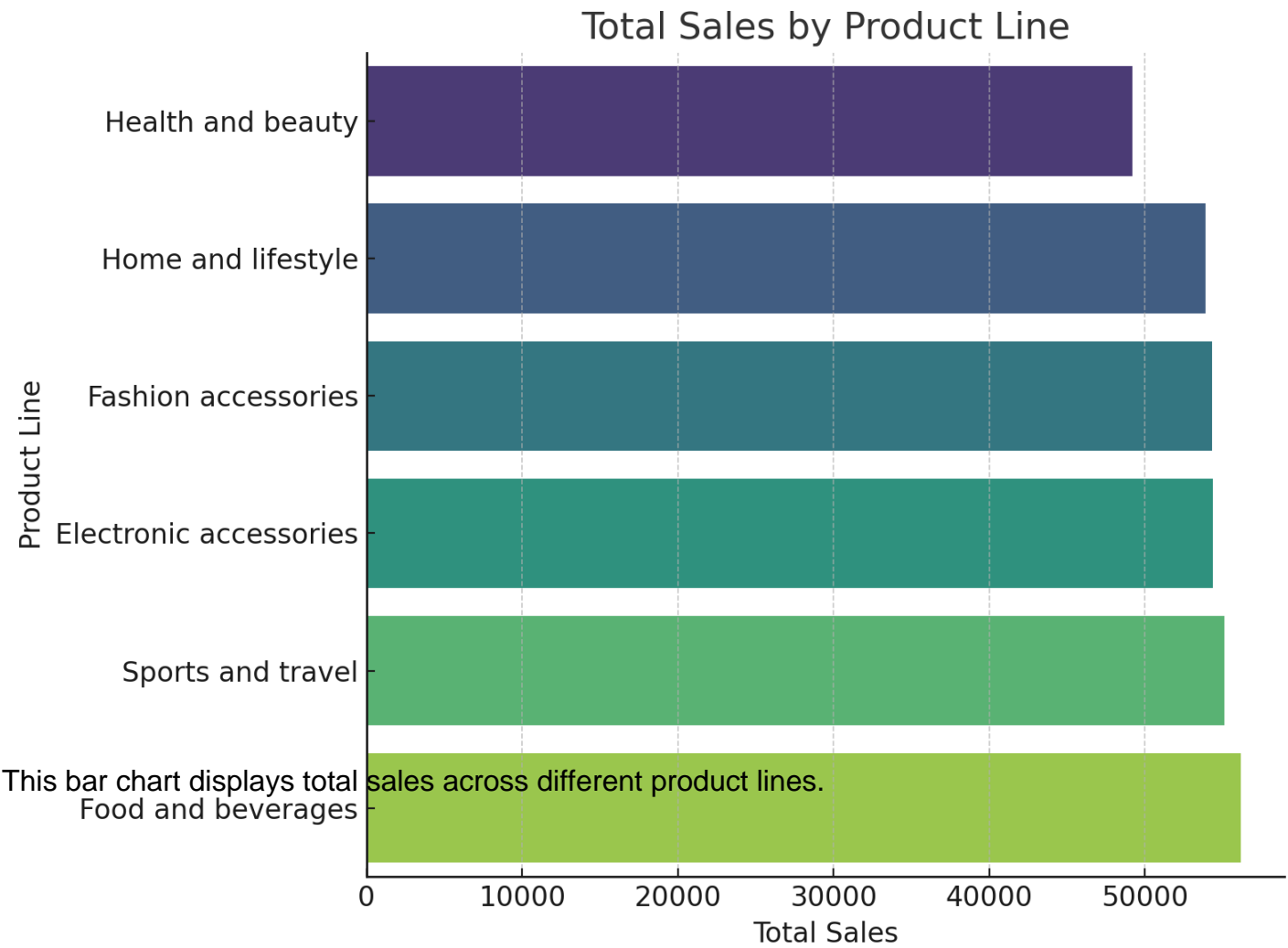
Create below Visualisation:

- Bar Chart
- Pie Chart
- Stacked Bar Chart
- Line Chart
- Bubble Chart

Process To Submit:

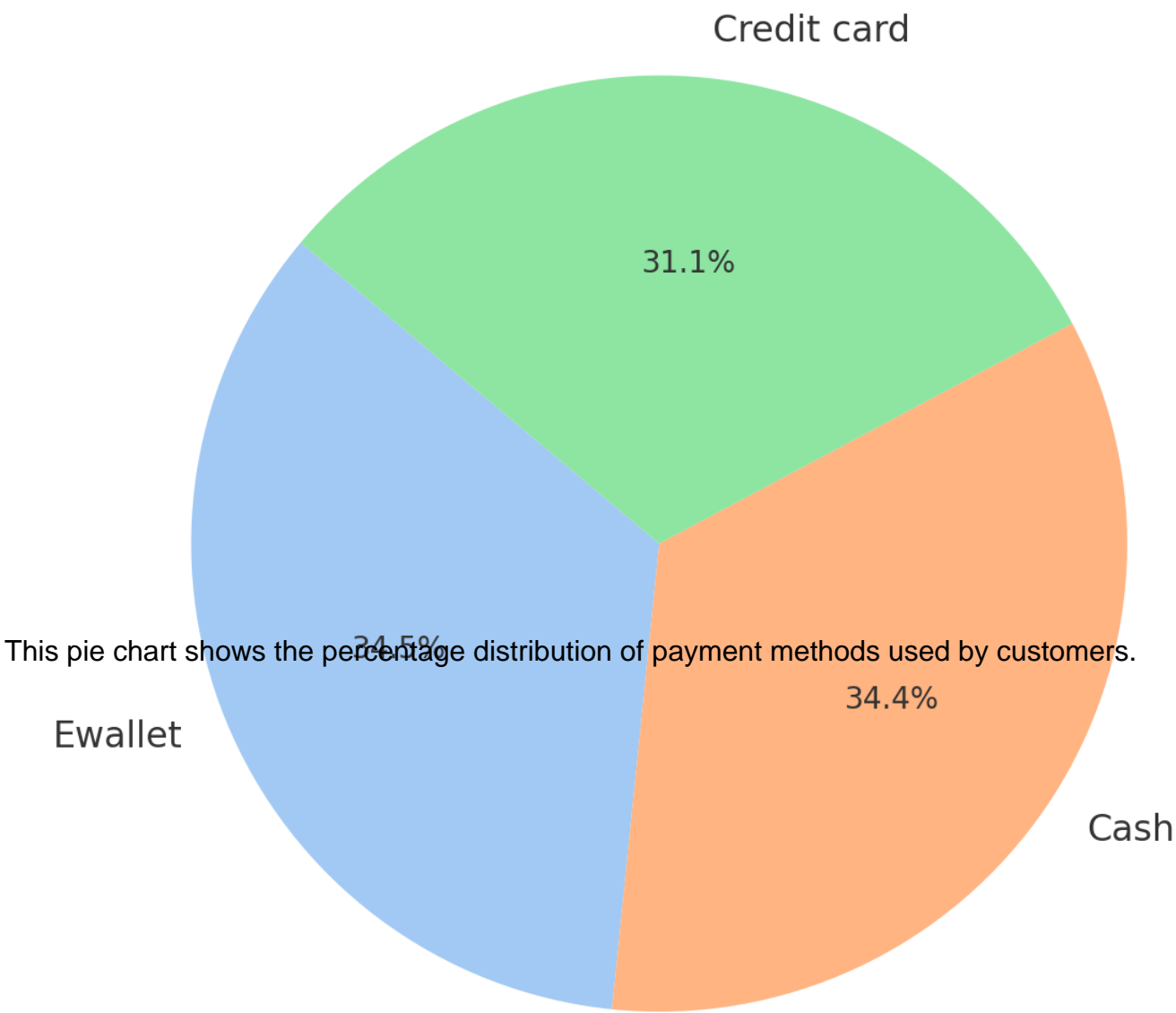
Take Screenshot of Visualization and paste them in Doc > Save it as pdf and Submit the pdf file.

Bar Chart: Total Sales by Product Line

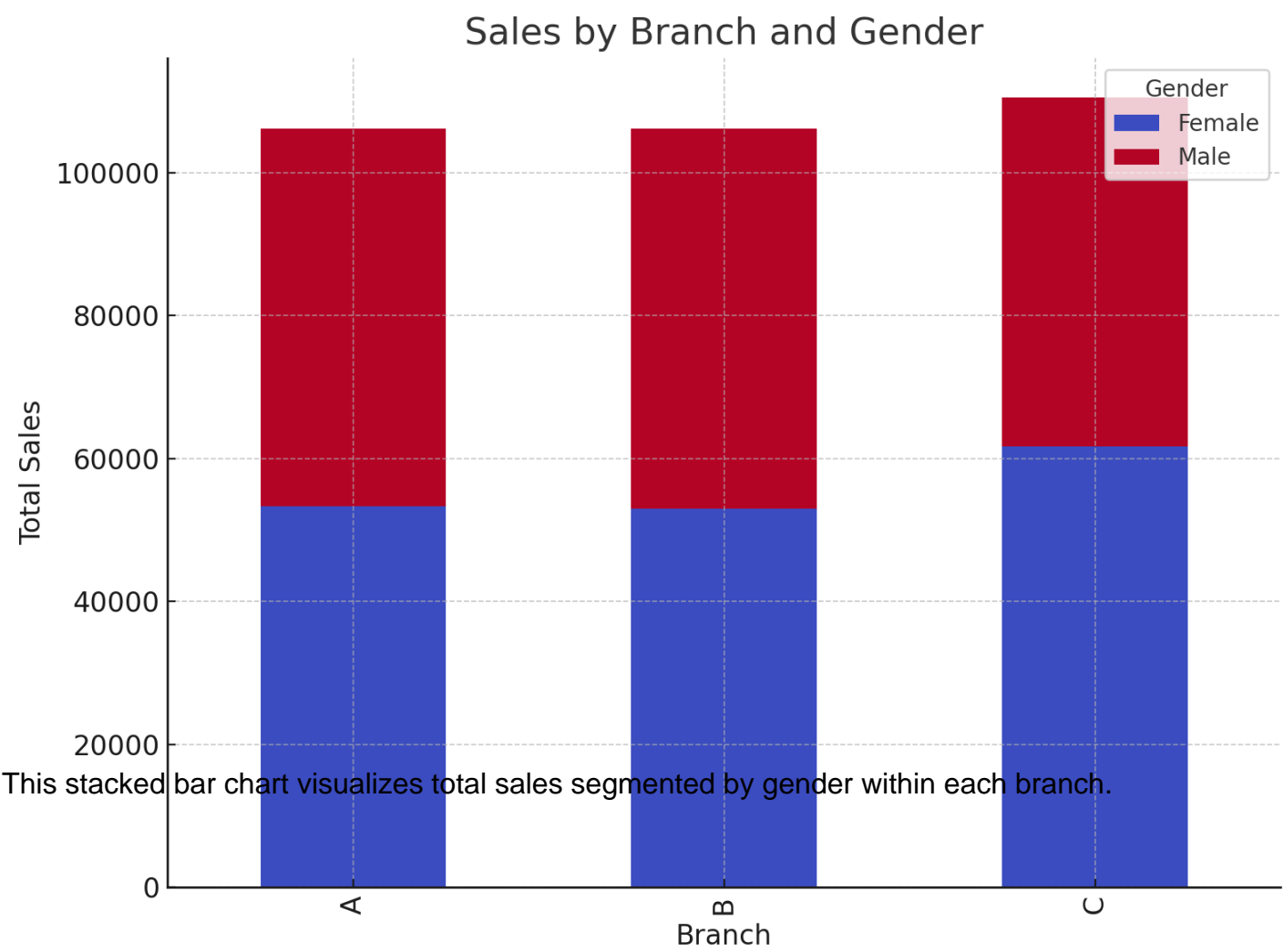


Pie Chart: Payment Method Distribution

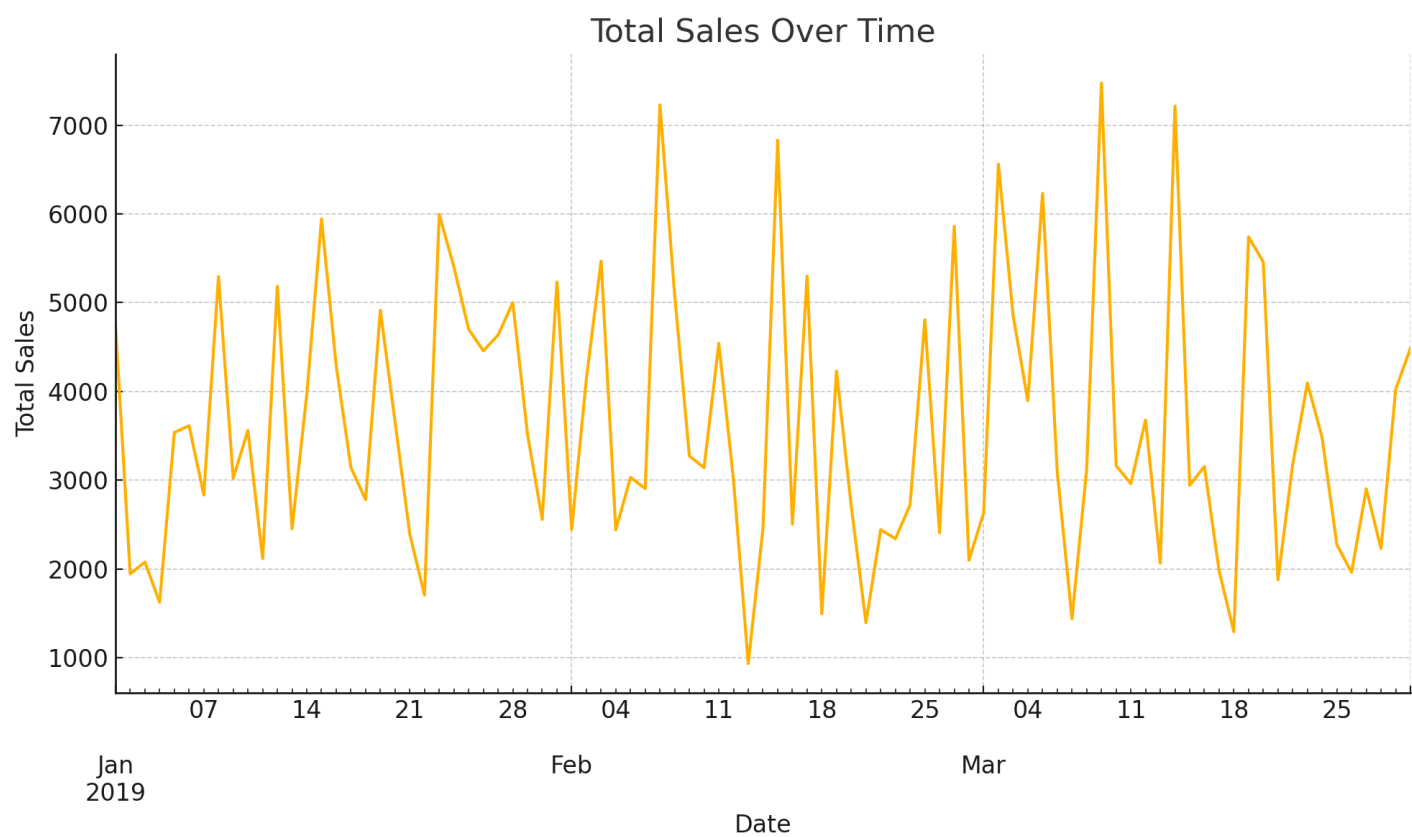
Payment Method Distribution



Stacked Bar Chart: Sales by Branch and Gender



Line Chart: Total Sales Over Time



This line chart illustrates daily total sales from January to March 2019.

Bubble Chart: Gross Income vs Rating

