Supermarket Sales - Assignment 2 Visualizations

Assignment Information:
 The dataset records historical supermarket sales across three branches over three months. It
 includes transactional details such as branch, customer type, gender, product line, unit price, total,
 tax, payment method, gross income, and customer ratings.
 Attribute Information:
 Invoice ID:
 Auto-generated sales slip invoice number
 Branch:
 Store location (A, B, C)
 City:
 Supercenter's city
 Customer Type:
 Member or Normal
 Gender:
 Male or Female
 Product Line:
 Category (e.g., Electronics, Fashion, Food, etc.)
 Unit Price:
 Price of a single product ($)
 Quantity:
 Number of units purchased
 Tax:
 5% tax on purchase
 Total:
 Purchase total including tax
 Date:
 Transaction date (Jan 2019 - Mar 2019)
 Time:
Transaction time (10 AM - 9 PM)
 Payment:
 Payment method (Cash, Credit card, Ewallet)
 COGS:
 Cost of Goods Sold
 Gross Margin %:
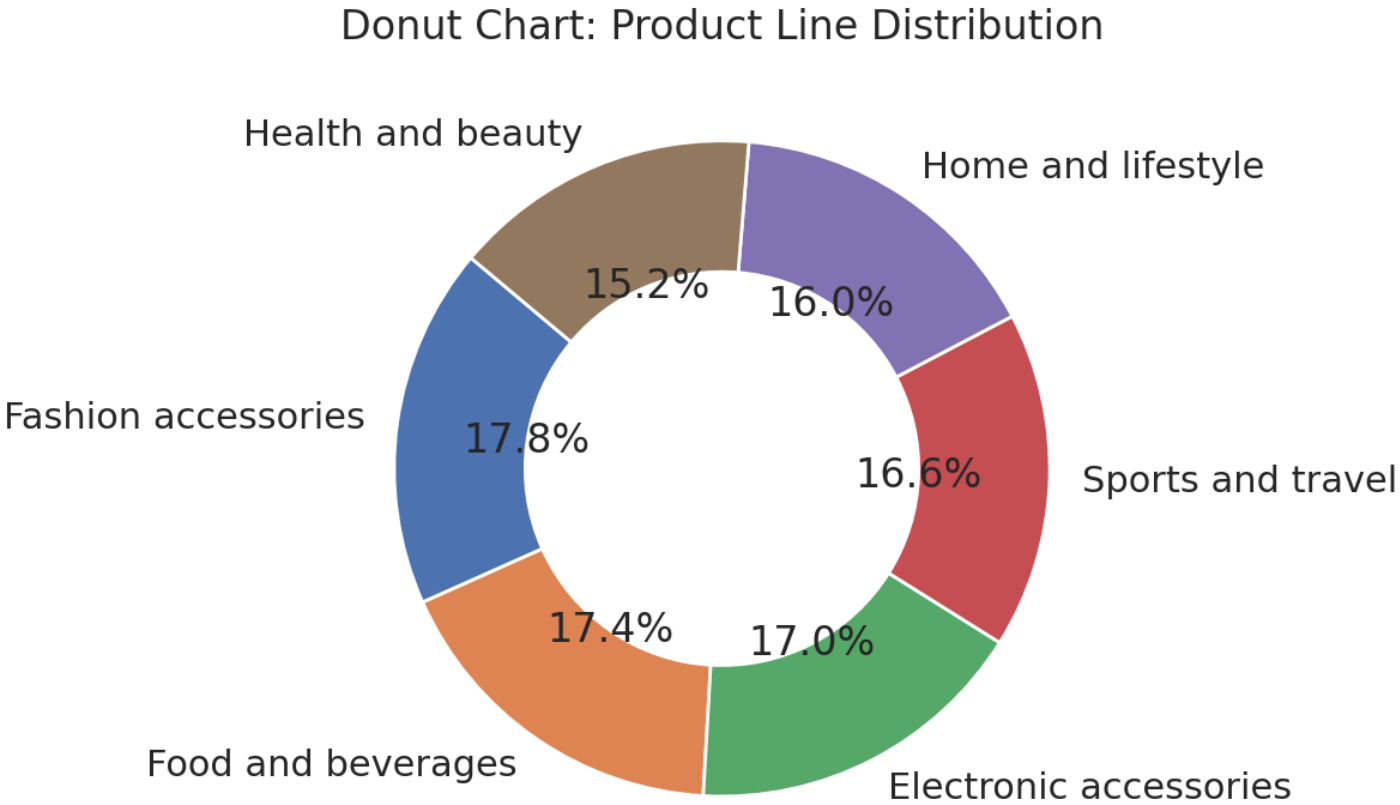 Profit margin percentage
 Gross Income:
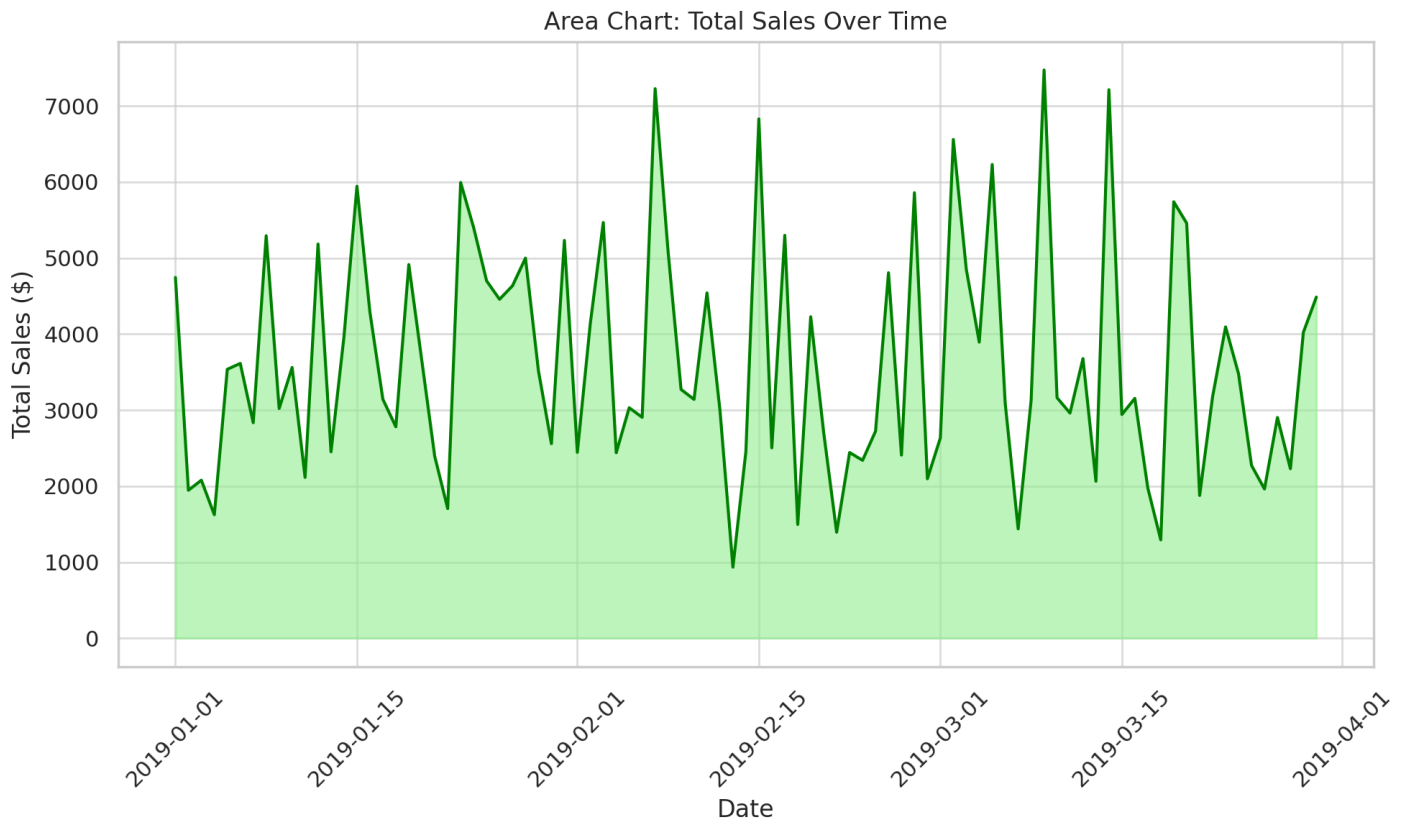 Profit in $
 Rating:
 Customer satisfaction rating (1 to 10)
 Task Instructions:
 1. Upload dataset to Tableau
 2. Delete unnecessary columns
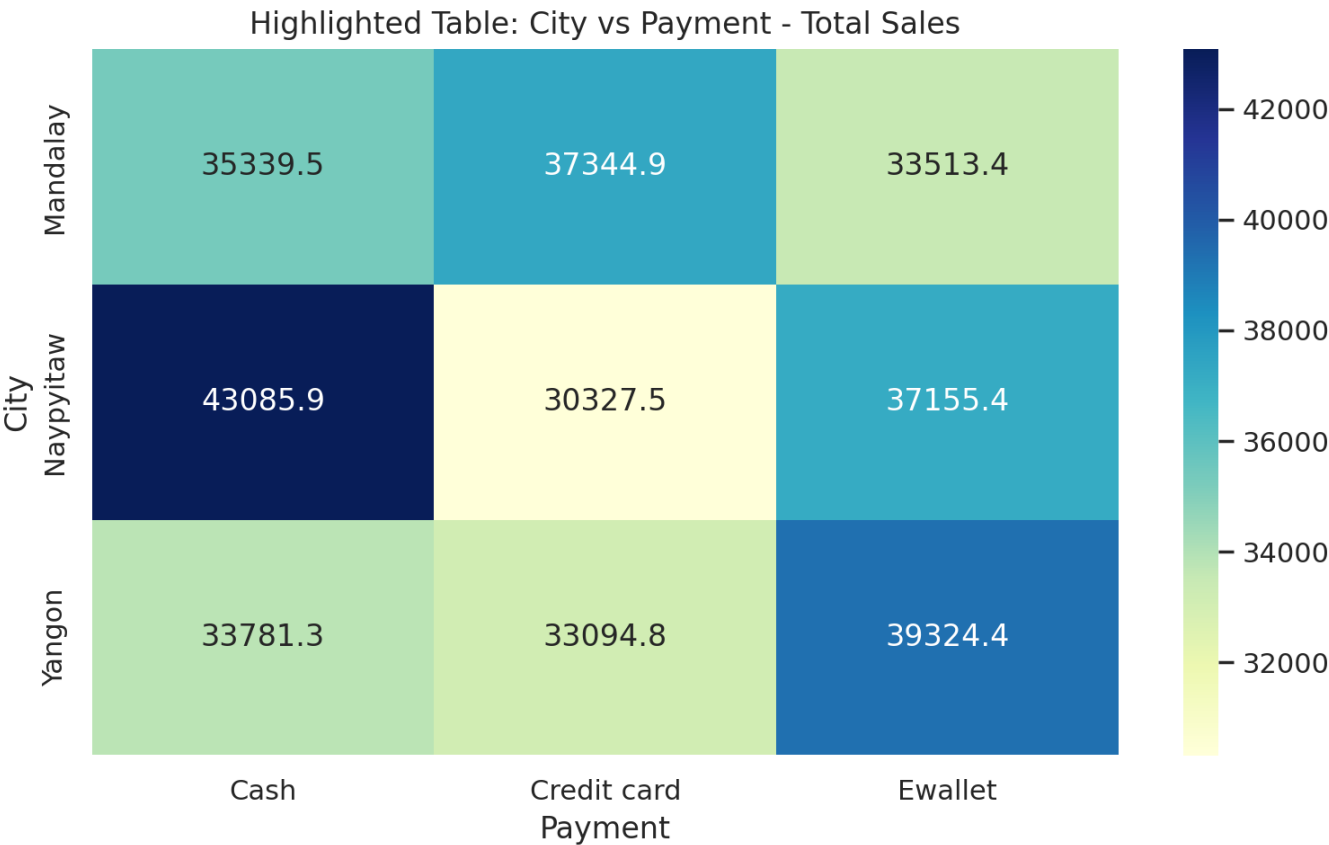 3. Create the following visualizations:
  - Donut Chart

Donut Chart: Product Line Distribution

- Health and beauty — 15.2%
- Home and lifestyle — 16.0%
- Sports and travel — 16.6%
- Electronic accessories — 17.0%
- Food and beverages — 17.4%
- Fashion accessories — 17.8%

Area Chart: Total Sales Over Time

Area Chart: Total Sales Over Time

Highlighted Table: City vs Payment

Highlighted Table: City vs Payment - Total Sales

City	Cash	Credit card	Ewallet
Mandalay	35339.5	37344.9	33513.4
Naypyitaw	43085.9	30327.5	37155.4
Yangon	33781.3	33094.8	39324.4

Word Cloud: Product Lines

Funnel Chart: Customer Type by Sales

Funnel Chart: Customer Type by Sales

Waterfall Chart: Sales by Gender and Payment
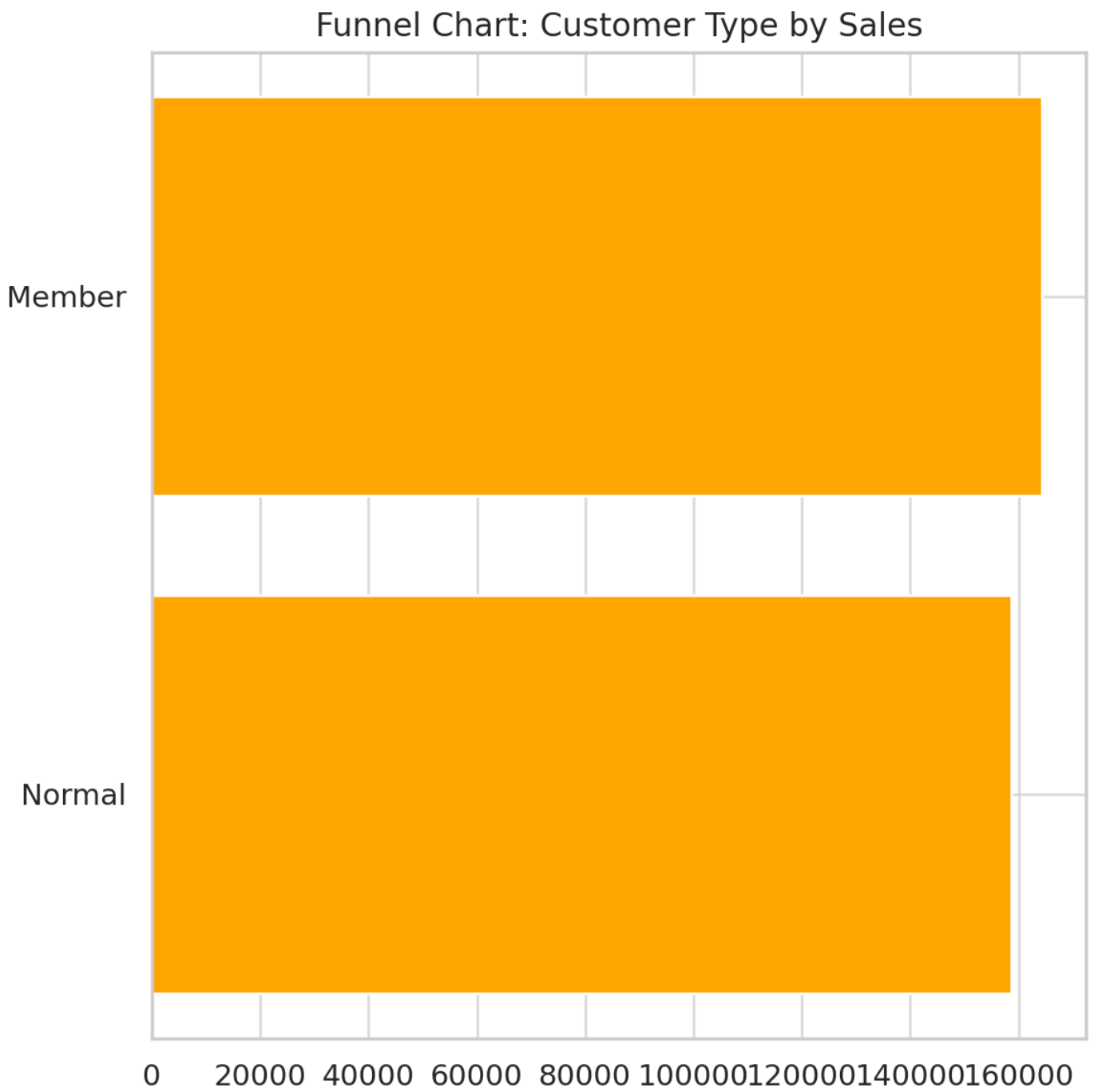
Waterfall Chart: Sales by Gender and Payment
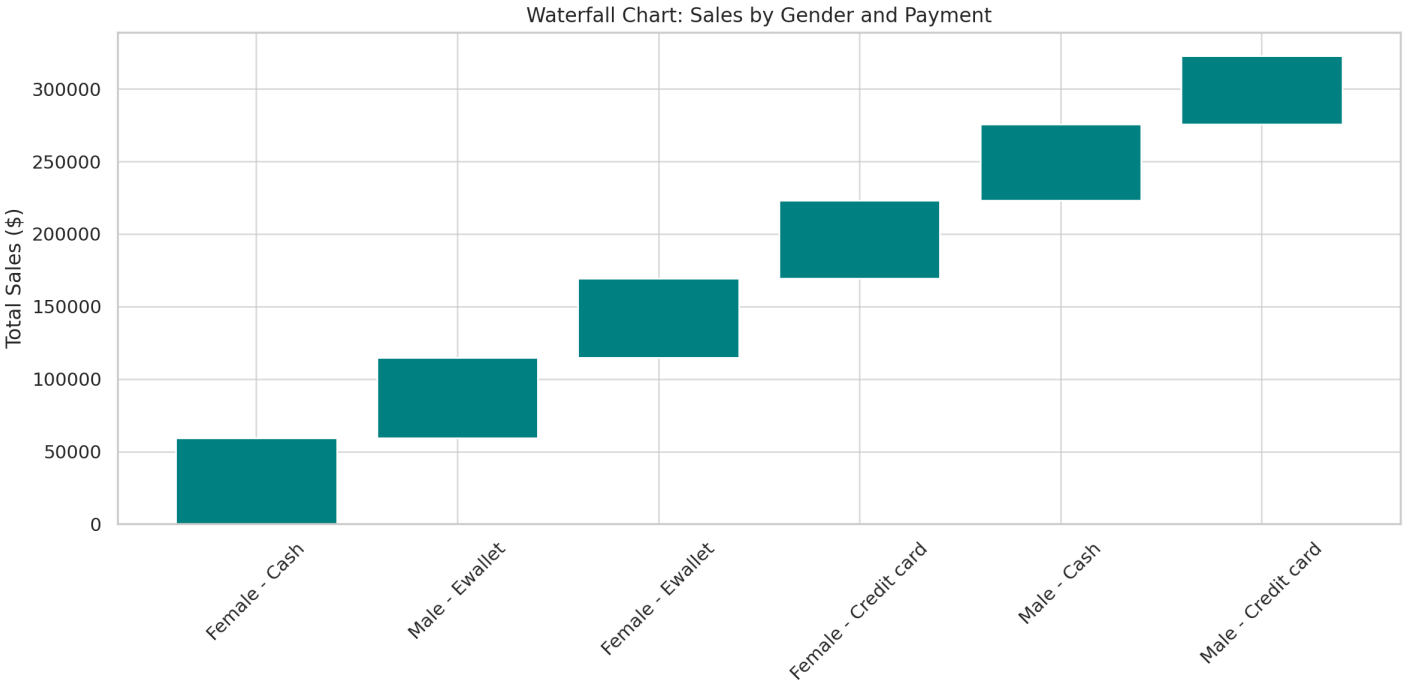
Text Table: Total Sales by City

Mandalay: $106197.67

Naypyitaw: $110568.71

Yangon: $106200.37