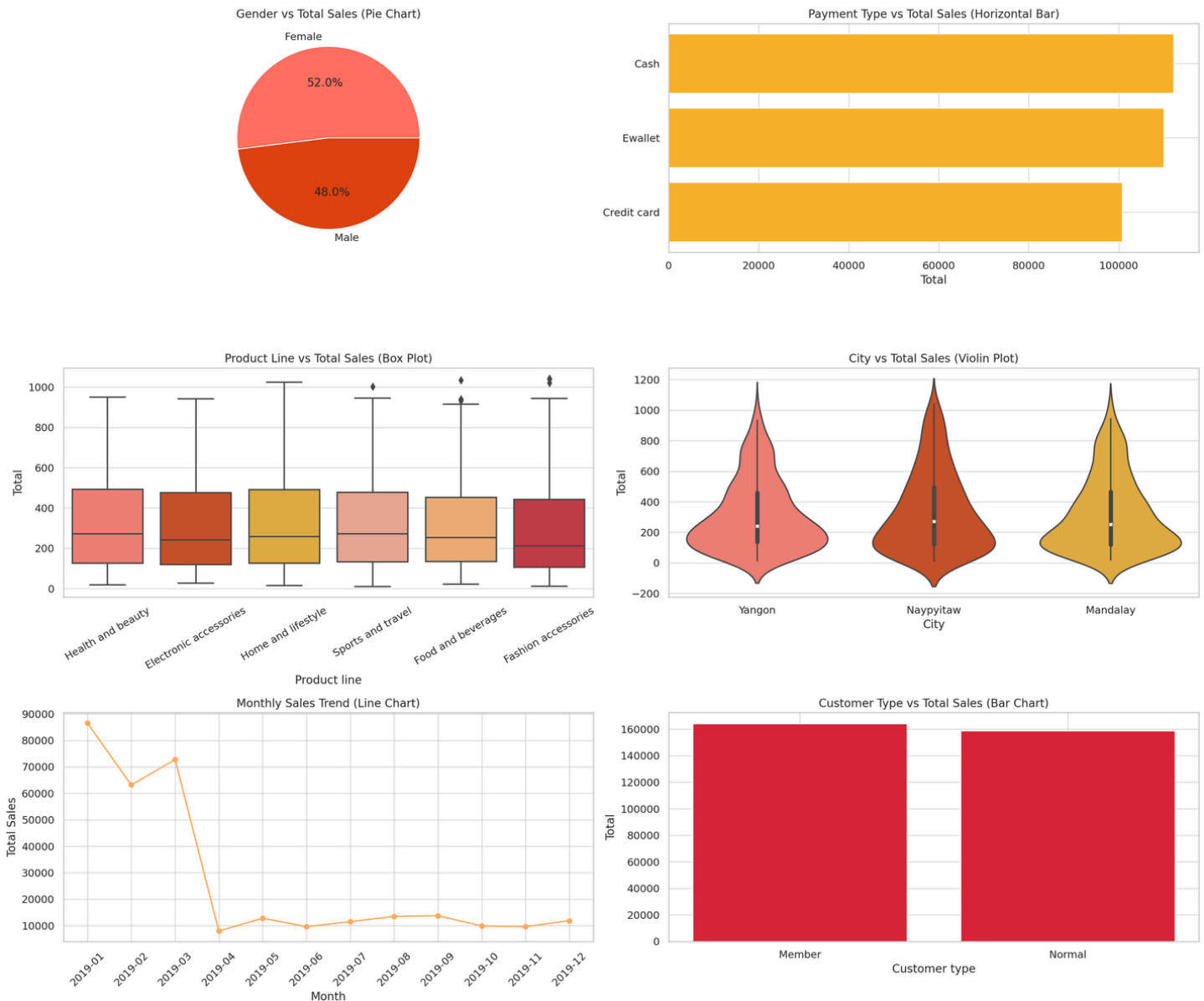


# Super Market Sales Dashboard



## Title: Supermarket Sales Dashboard (Mixed Chart Types)

This dashboard presents insights into the sales performance of a supermarket chain across various dimensions using multiple types of visualizations.

### Charts Included:

#### 1. Gender vs Total Sales (Pie Chart)

- **Type:** Pie Chart
- **Insight:** Shows the proportion of total sales by gender.
- **Observation:** Sales are nearly evenly distributed between **Female (52%)** and **Male (48%)** customers.

#### 2. Payment Type vs Total Sales (Horizontal Bar Chart)

- **Type:** Horizontal Bar Chart
- **Insight:** Compares total sales across different payment methods: **Cash, Ewallet, and Credit Card.**

- **Observation:** All payment types are used almost equally, but **Cash** seems to be slightly more dominant.

### 3. Product Line vs Total Sales (Box Plot)

- **Type:** Box Plot
- **Insight:** Shows distribution, spread, and outliers of total sales across various **product lines**.
- **Observation:** Product lines like **Food and beverages**, **Fashion accessories**, and **Sports and travel** show higher variability and outliers in sales.

### 4. City vs Total Sales (Violin Plot)

- **Type:** Violin Plot
- **Insight:** Depicts the distribution of sales totals across the 3 cities: **Yangon**, **Naypyitaw**, and **Mandalay**.
- **Observation:** All three cities have similar sales ranges, but **Yangon** and **Mandalay** show slightly higher density in mid-range sales.

### 5. Monthly Sales Trend (Line Chart)

- **Type:** Line Chart
- **Insight:** Tracks the trend of sales across months in 2019.
- **Observation:** Highest sales occurred in **January and March**, followed by a sharp drop in April. Post-April, sales remained relatively steady with slight ups and downs.

### 6. Customer Type vs Total Sales (Bar Chart)

- **Type:** Vertical Bar Chart
- **Insight:** Compares total sales between **Member** and **Normal** customers.
- **Observation:** Both customer types contribute significantly, but **Member** customers show slightly higher total sales.