

# DA Assignment – 1

## Supermarket Sales Analysis using Tableau

**Name :** Matla Yogeshwar

**Roll No :** 22BFA04280

**Branch :** Electronics and Communication Engineering

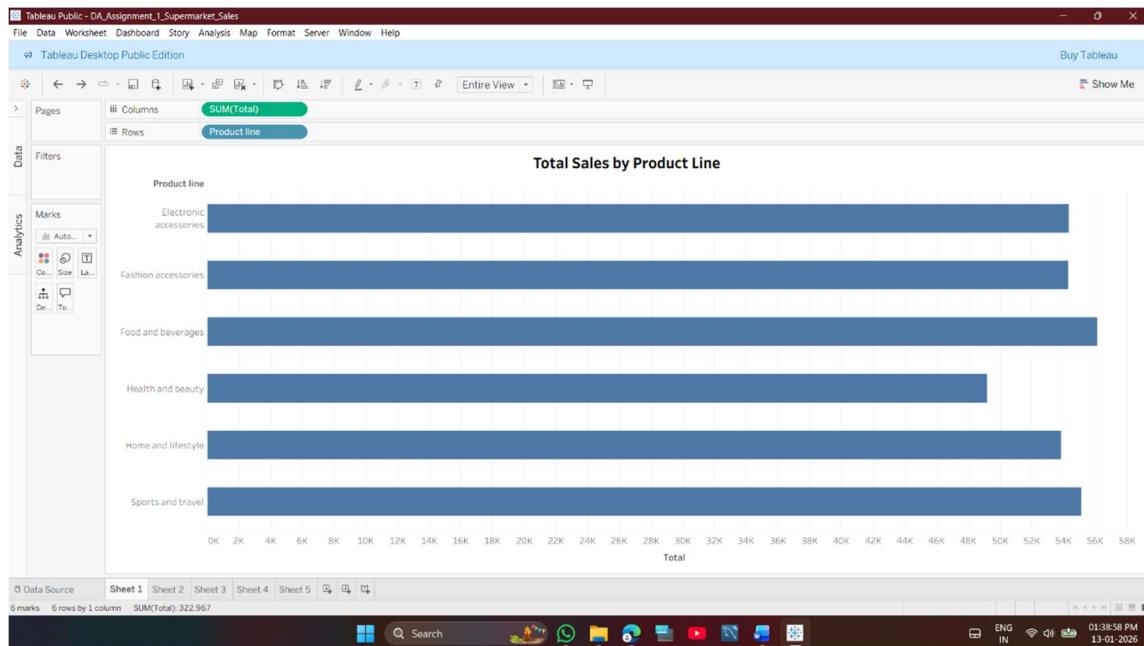
**College :** Sri Venkateswara College of Engineering (Autonomous), Tirupati.

**Email :** [matlayogeshwar@gmail.com](mailto:matlayogeshwar@gmail.com)

### **Introduction:**

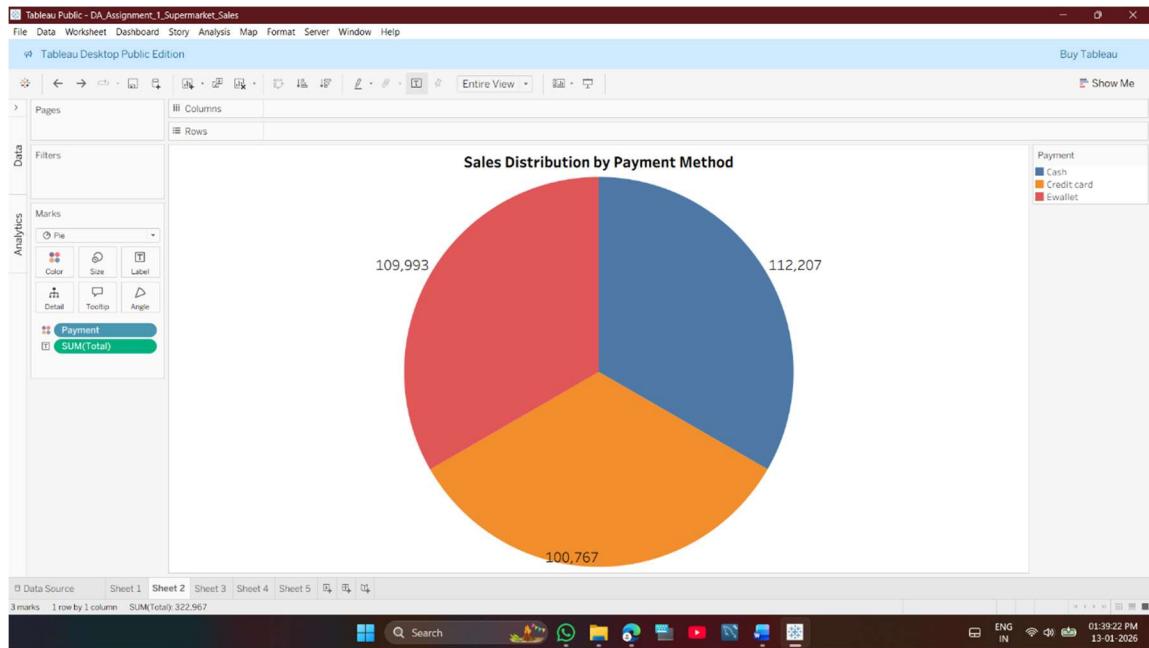
This assignment focuses on analysing supermarket sales data using Tableau. The dataset contains historical sales information from three branches across different product lines, payment methods, and time periods. Various visualizations are created to understand sales patterns and customer behaviour.

### **1. Bar Chart – Total Sales by Product Line**



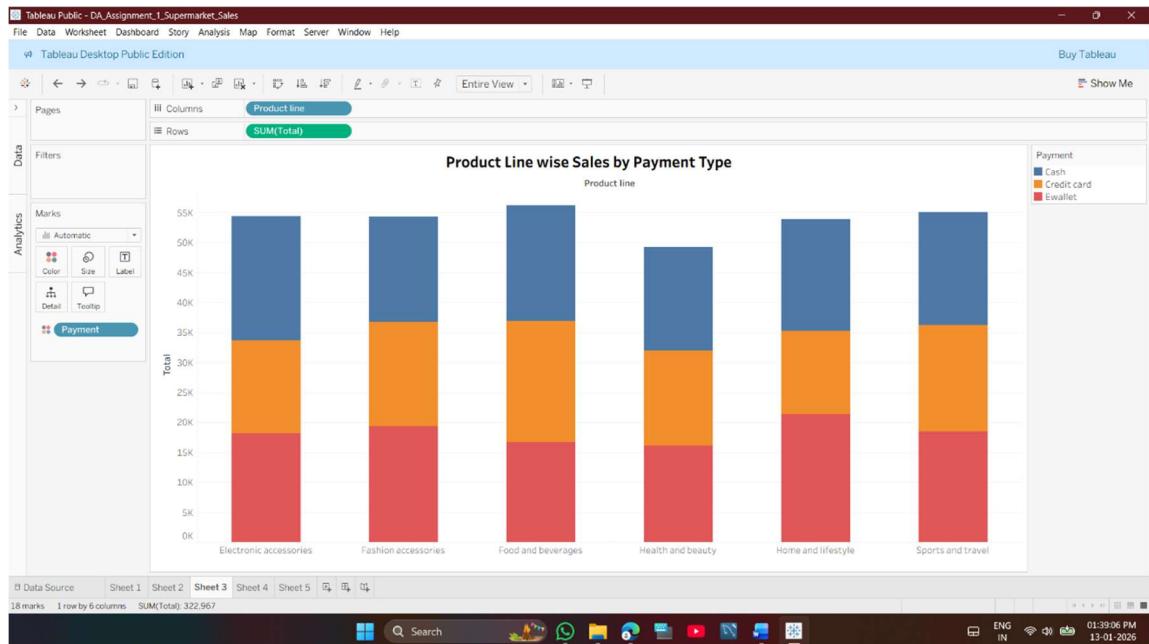
This bar chart shows total sales for each product line.

## 2. Pie Chart – Sales Distribution by Payment Method



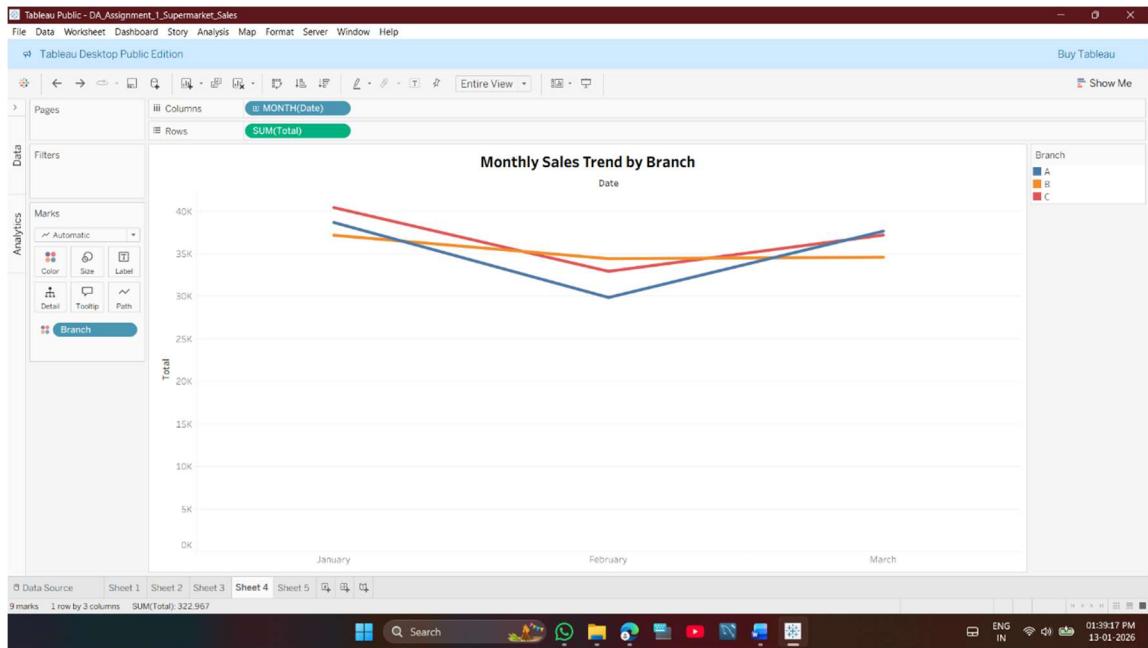
This pie chart represents total sales by payment type.

## 3. Stacked Bar Chart – Product Line vs Payment Method



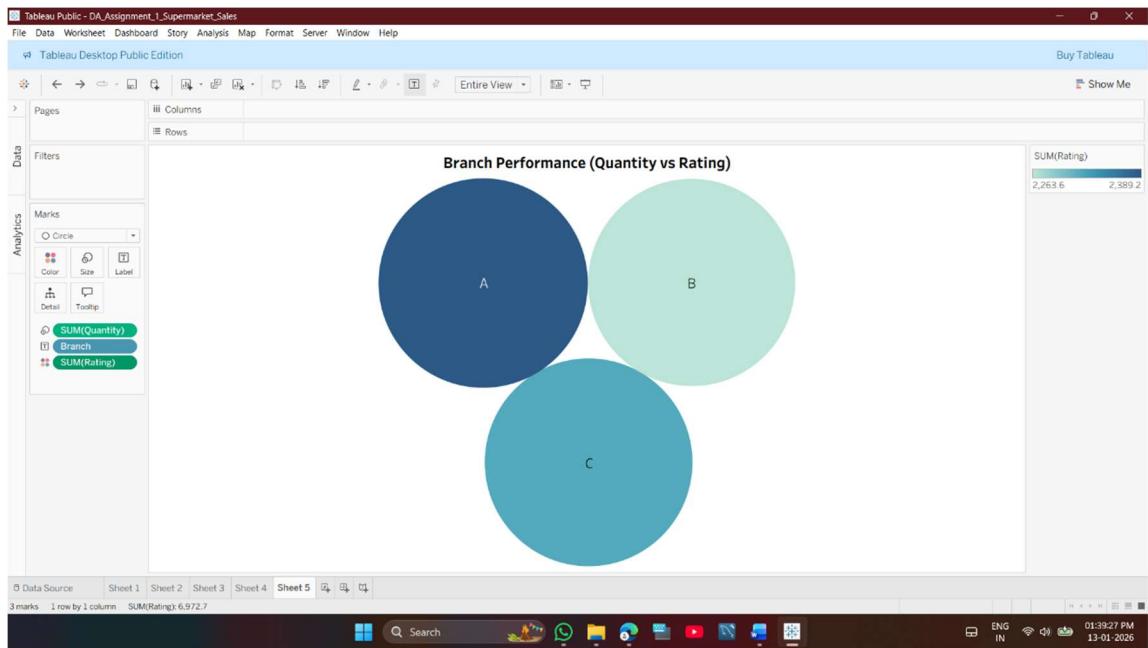
This chart shows payment-wise contribution to total sales for each product line.

#### 4. Line Chart – Monthly Sales Trend by Branch



This line chart shows monthly sales trends for branches A, B and C.

#### 5. Bubble Chart – Branch Performance (Quantity vs Rating)



This bubble chart compares branch performance based on quantity sold and customer rating.