Assignment-1

Team ID LTVIP2025TMID59754

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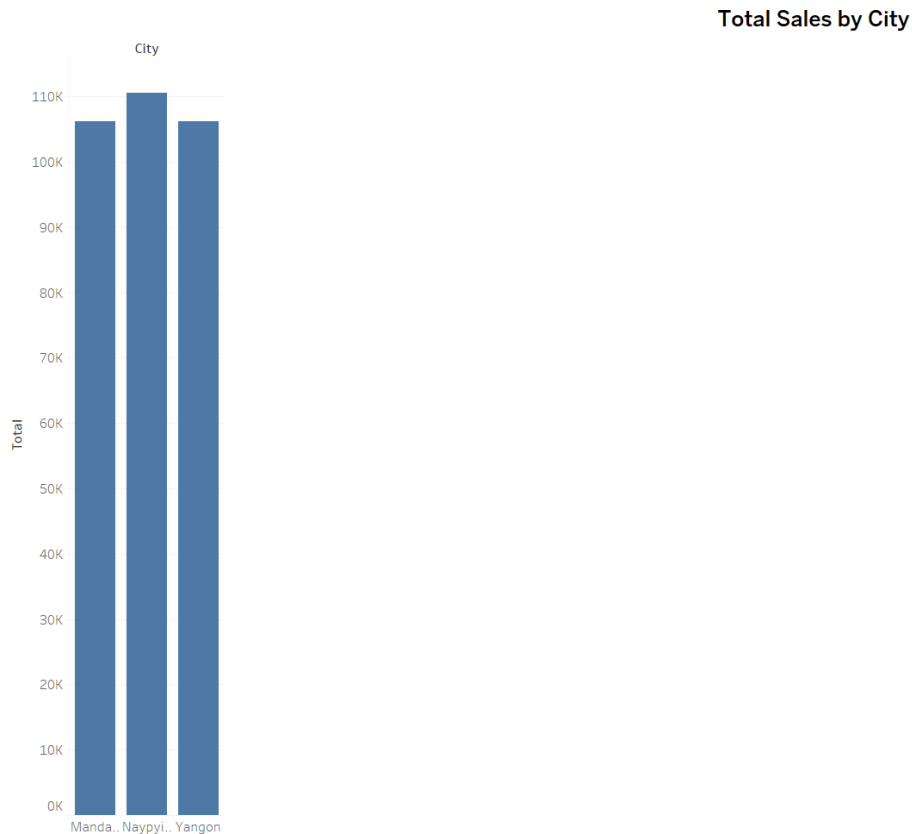Team member : Shaik Abdul Rahiman ID: 23HM5A0111

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INSTITUTION : Annamacharya Institute of Technology and Sciences-Kadapa
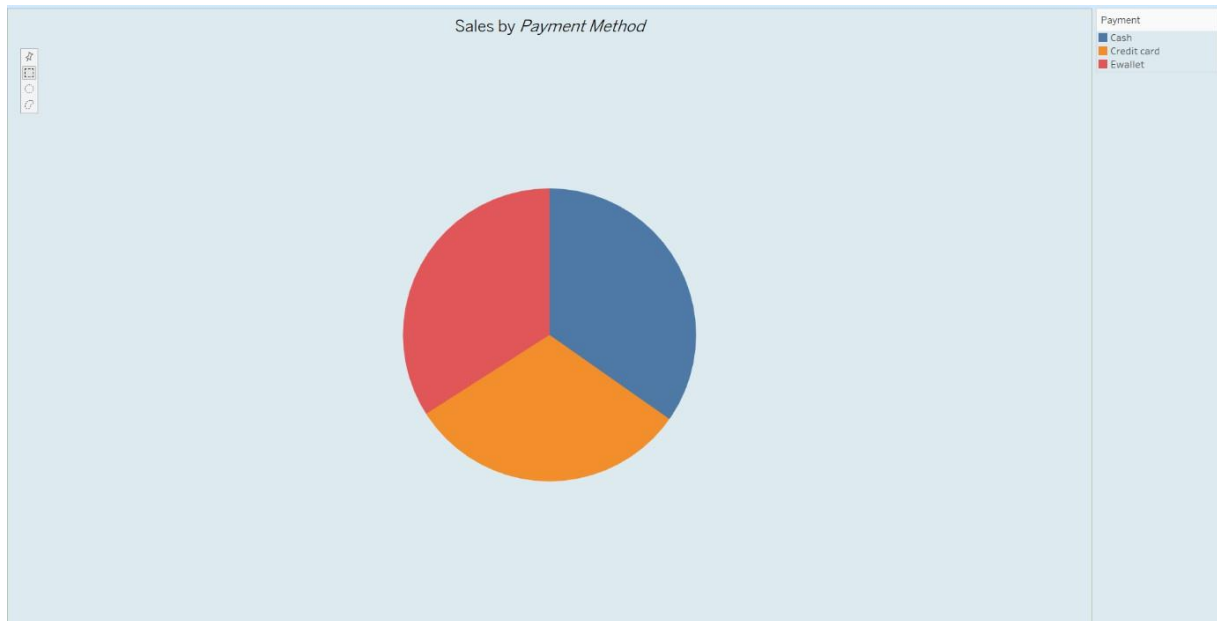
1. Bar Chart – Total Sales by City

This chart shows the total sales generated in each city. It helps identify which city has the highest customer spending.

Total Sales by City

2. Pie Chart – Sales Distribution by Payment Method

This pie chart displays the share of total sales by different payment methods: Cash, Credit Card, and Ewallet. It reveals customer preferences in transaction modes.

3. Stacked Bar Chart – Branch-wise Sales by Customer Type

This chart compares total sales across branches (A, B, C), and further breaks them down by customer type (Member vs Normal). It helps understand branch performance and membership influence.

4. Line Chart – Monthly Sales Trend Over Time

The line chart presents how sales varied over time from January to March. It helps spot trends and peak sales days.

Monthly Sales Trend

5. Bubble Chart – Gross Income by Quantity and Product Line

This chart uses bubbles to represent gross income earned from different product lines, based on the quantity sold. Larger bubbles indicate higher profit areas.

Quantity vs. Total Sales with bubble size by *Gross Income*.