

DA Assignment – 1

1. Bar Chart

Objective: Compare total sales by product line

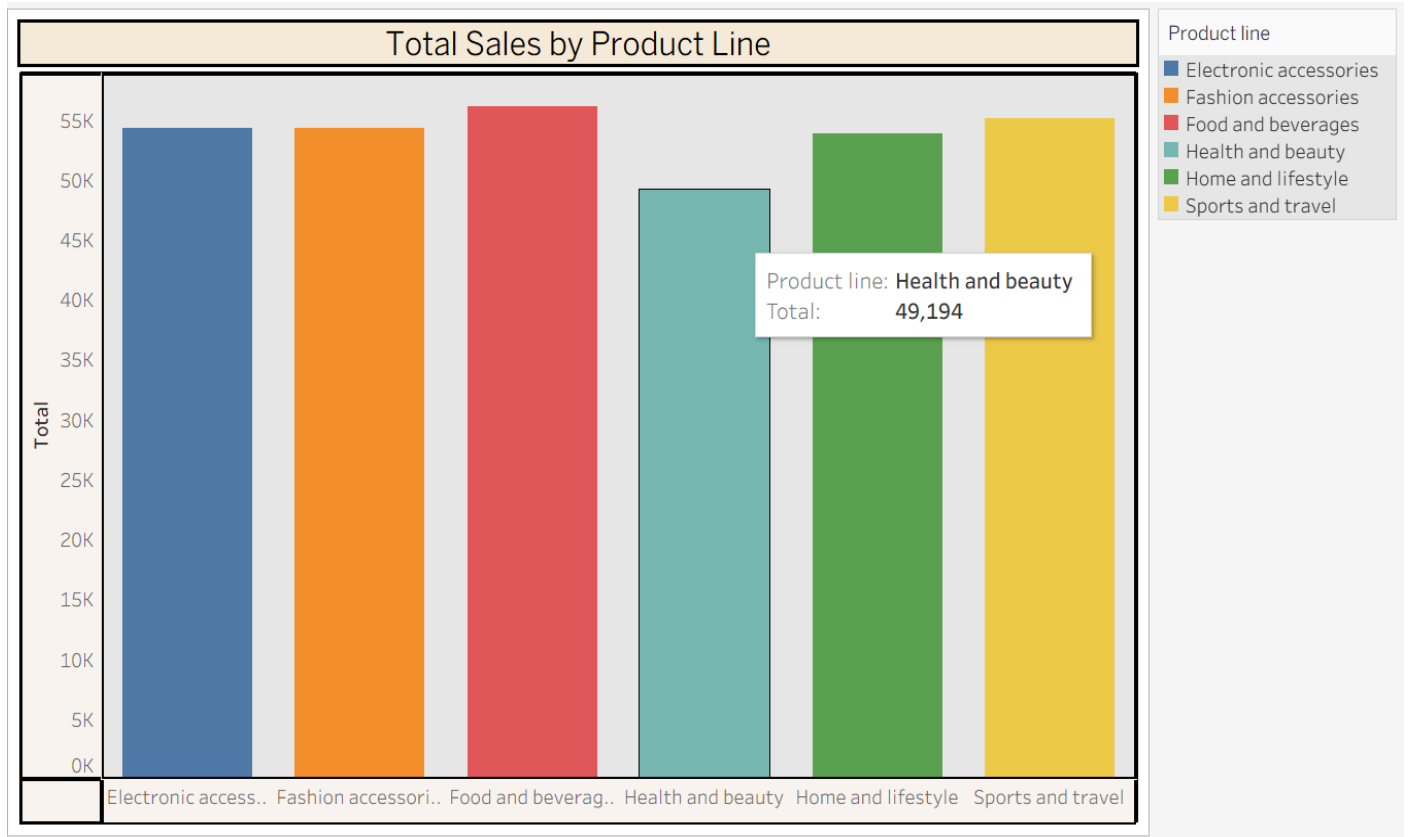
Steps:

- Columns → Product line
- Rows → SUM(Total)
- Marks → Bar
- Color → Product line

Insight:

Shows which product category generates the highest sales.

Output Visualisation:



2. Pie Chart

Objective: Analyze payment method contribution

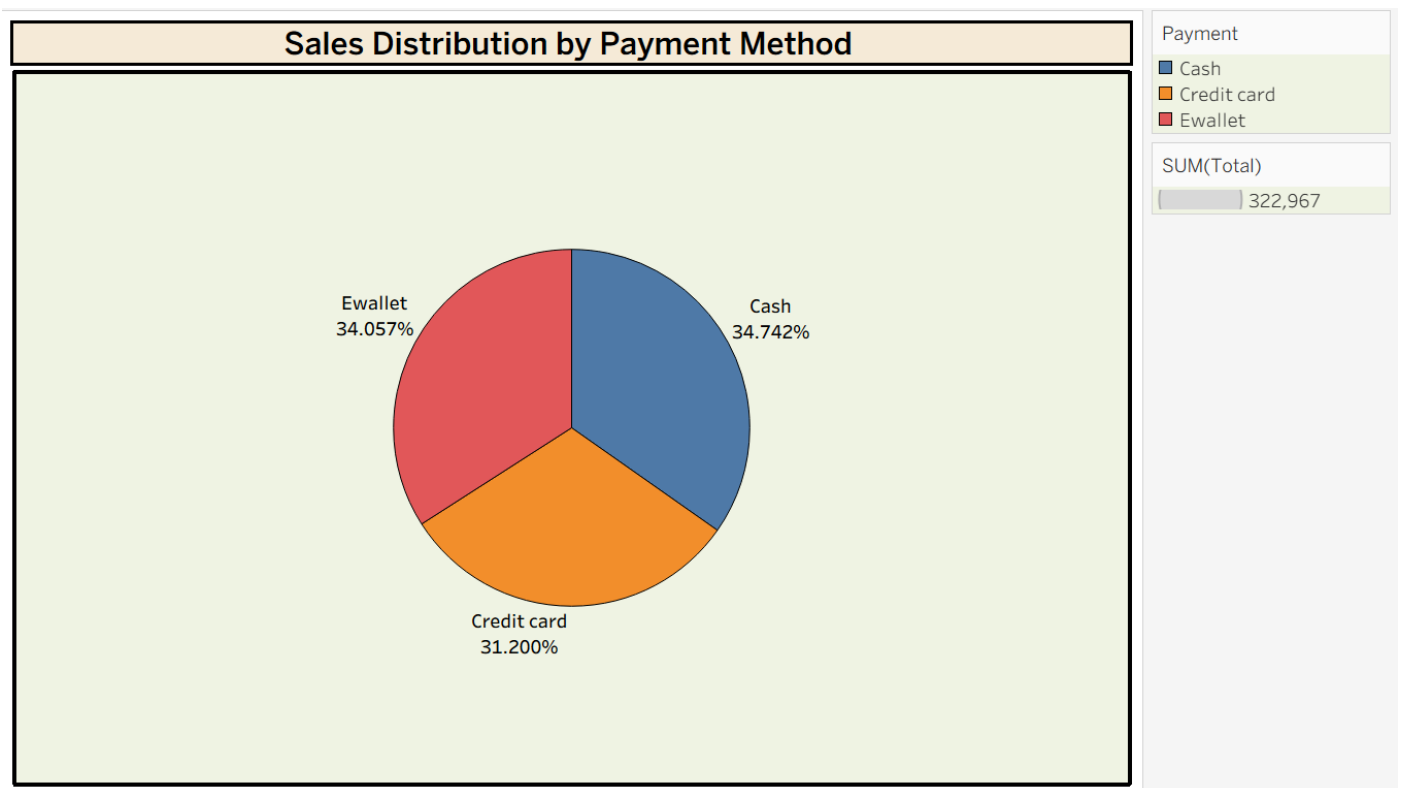
Steps:

- Marks → Pie
- Angle → SUM(Total)
- Color → Payment
- Label → Percentage

Insight:

Displays the proportion of sales made using Cash, Credit Card, and E-wallet.

Output Visualisation:



3. Stacked Bar Chart

Objective: Compare branch-wise sales by customer type

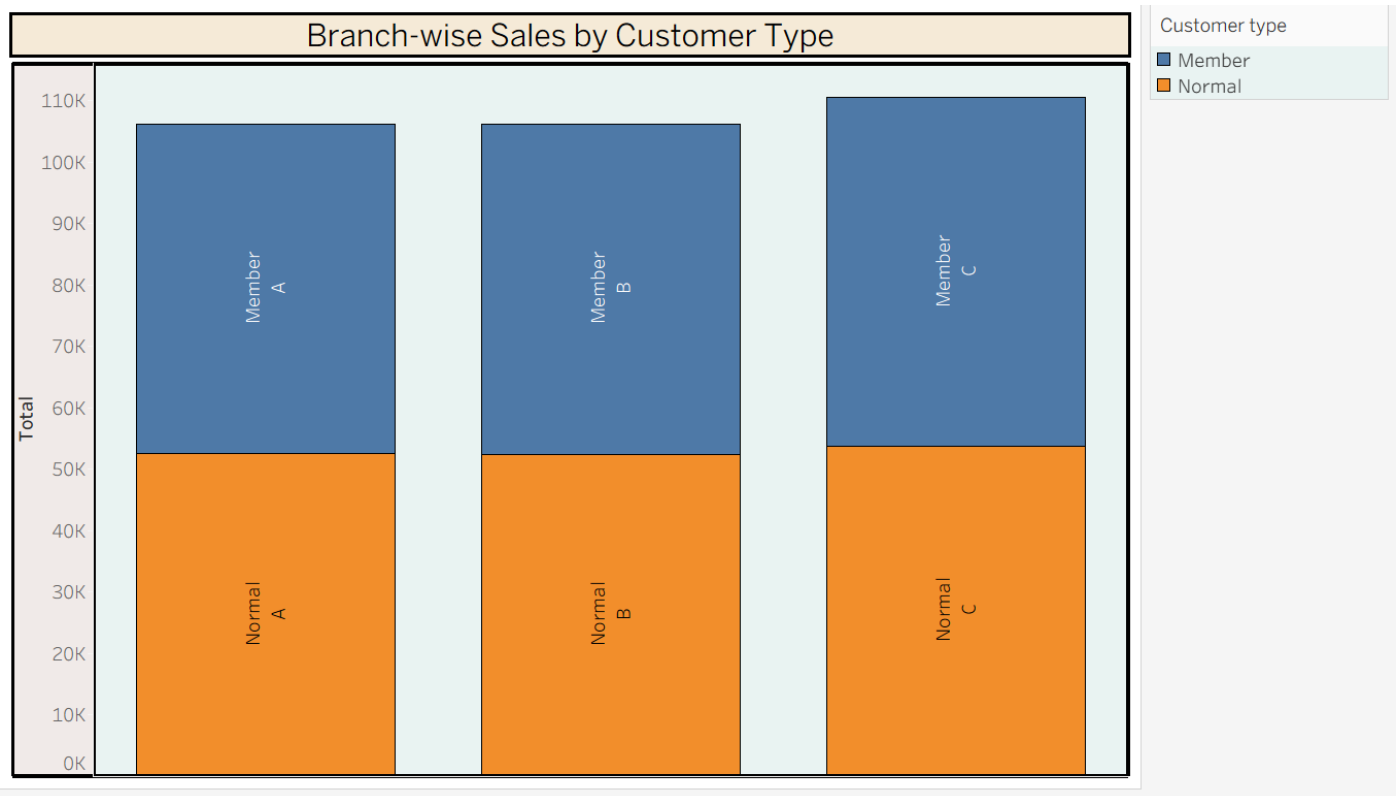
Steps:

- Columns → Branch
- Rows → SUM(Total)
- Color → Customer type
- Marks → Bar (Stacked)

Insight:

Shows how member and normal customers contribute to each branch's sales.

Output Visualisation:



4. Line Chart

Objective: Sales trend over time

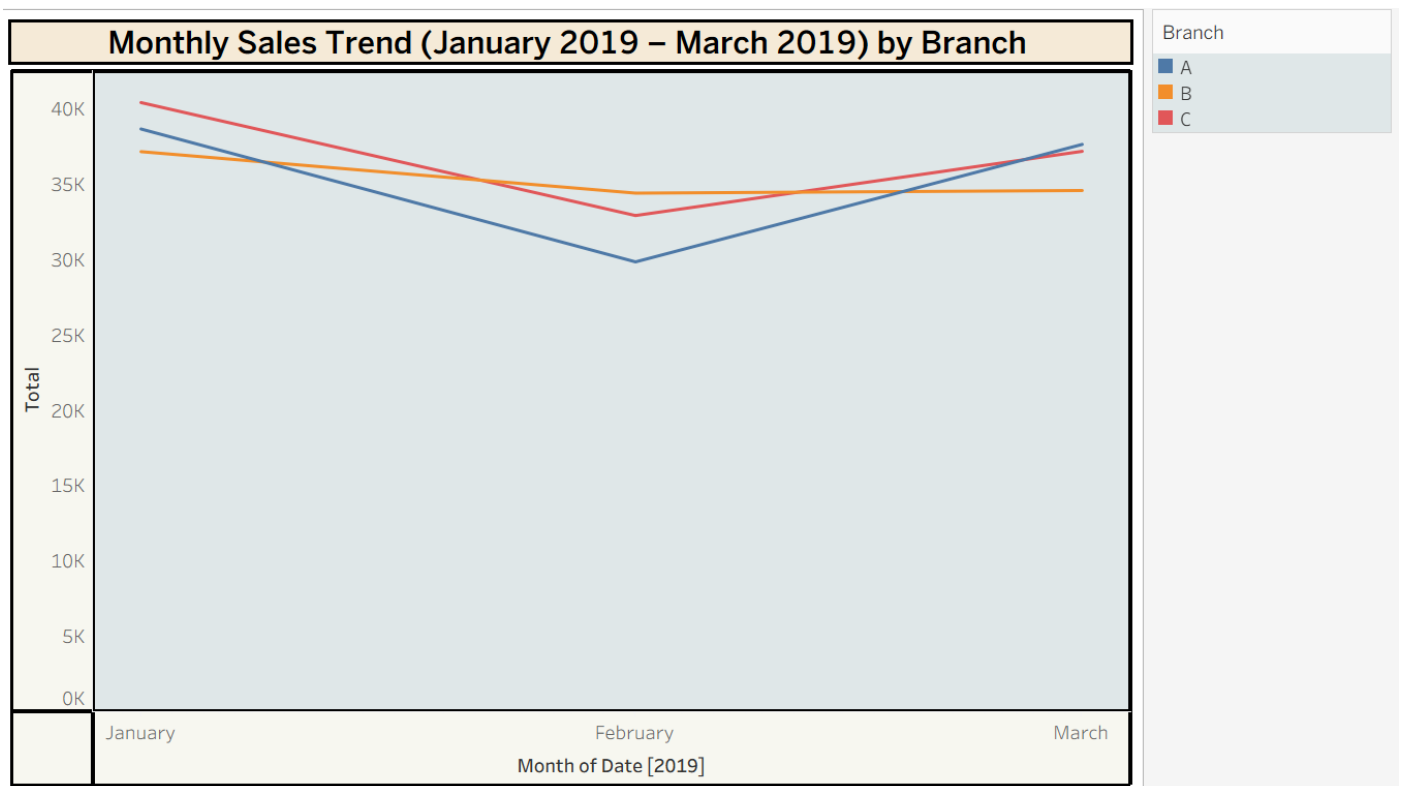
Steps:

- Columns → Date (Month)
- Rows → SUM(Total)
- Marks → Line
- Color → Branch

Insight:

Helps identify monthly sales trends and growth patterns.

Output Visualisation:



5. Bubble Chart

Objective: Relationship between sales, quantity, and product line

Steps:

- Marks → Circle
- Size → SUM(Total)
- Color → Product line
- Detail → Product line

Insight:

Larger bubbles represent higher sales volume for specific product categories.

Output Visualisation:

