

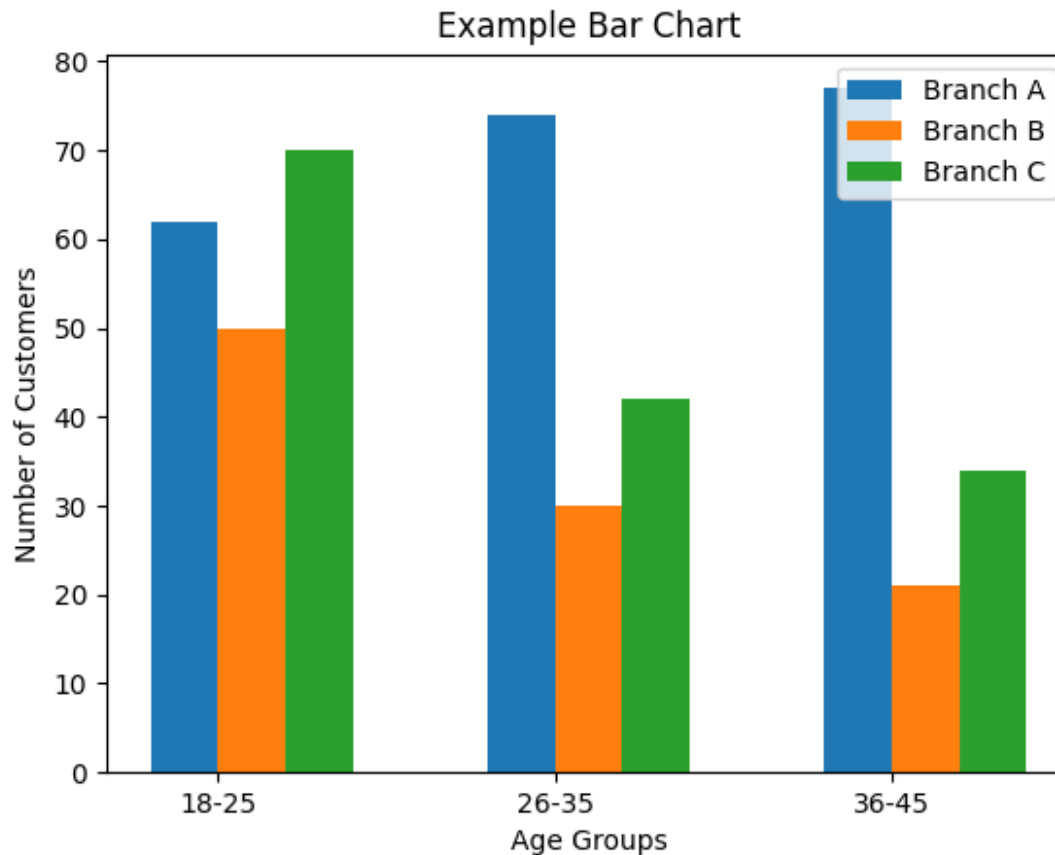
Visualization Types in Banking

Examples and Use Cases

Bar Chart

Useful for comparing discrete categories. Examples:

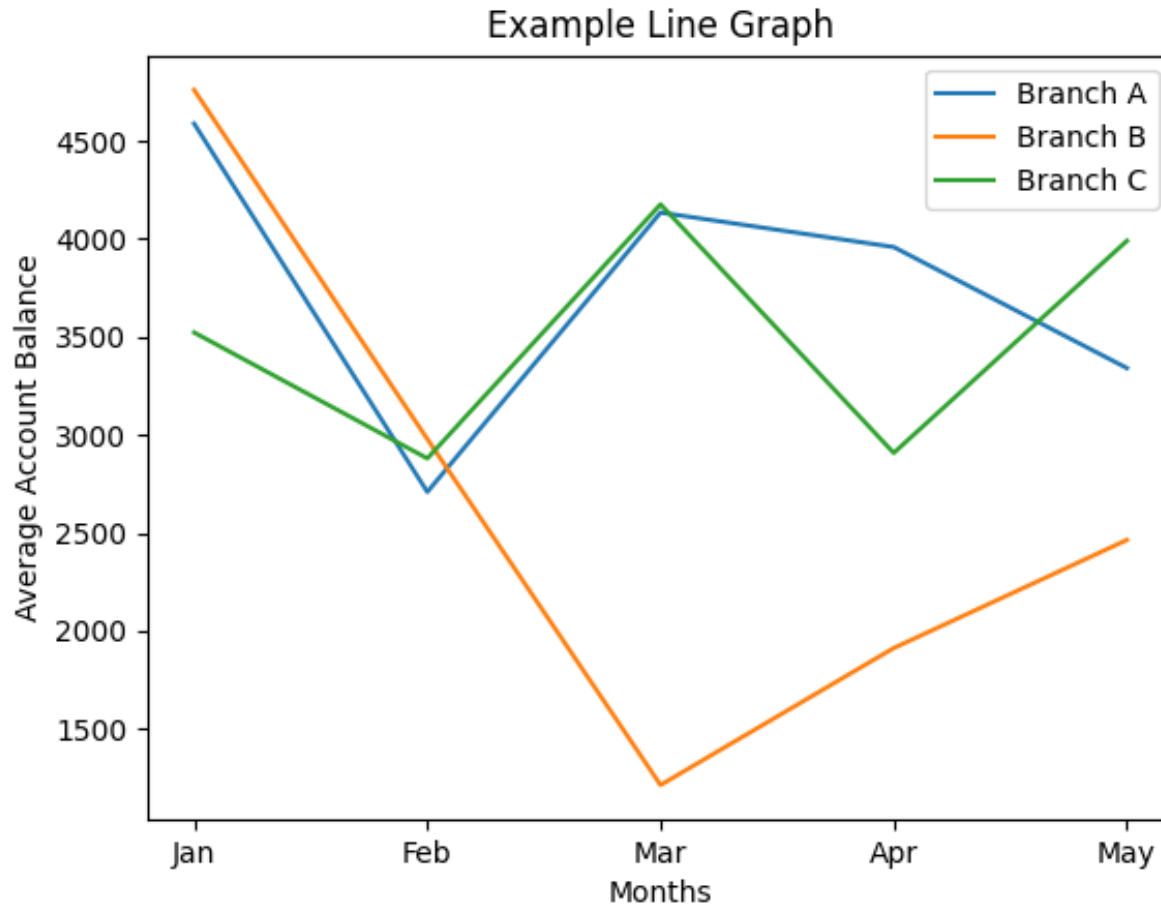
- Age distribution by branch
- Loan types by branch



Line Graph

Ideal for showing trends over time. Examples:

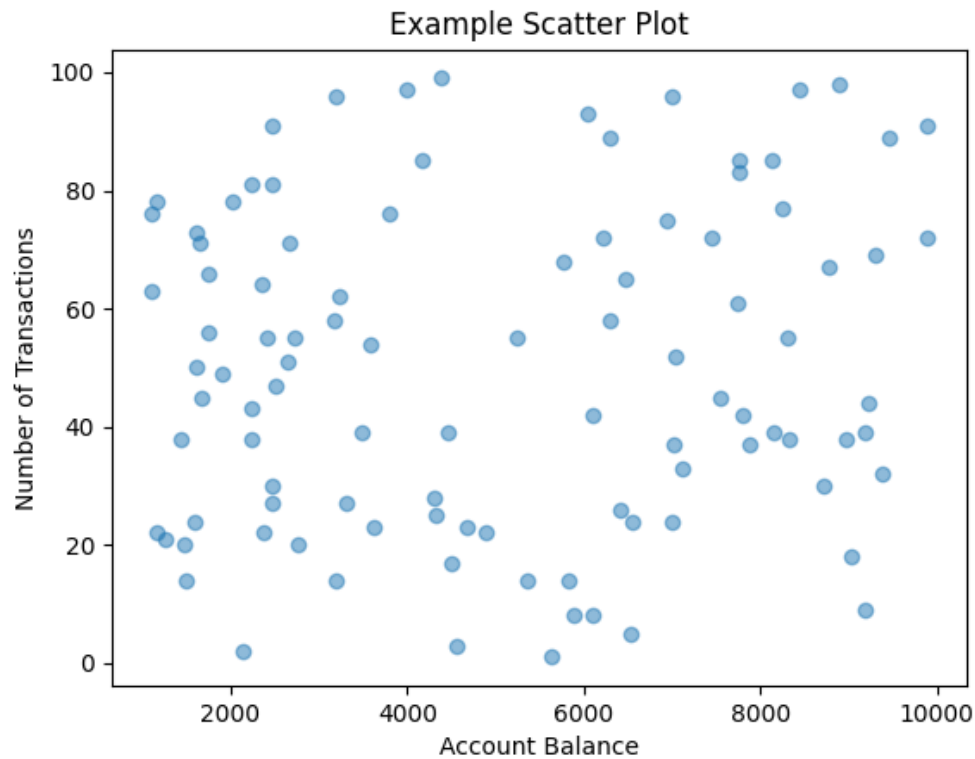
- Average account balance over months
- Customer growth over years



Scatter Plot

Used to visualize relationships between two variables. Examples:

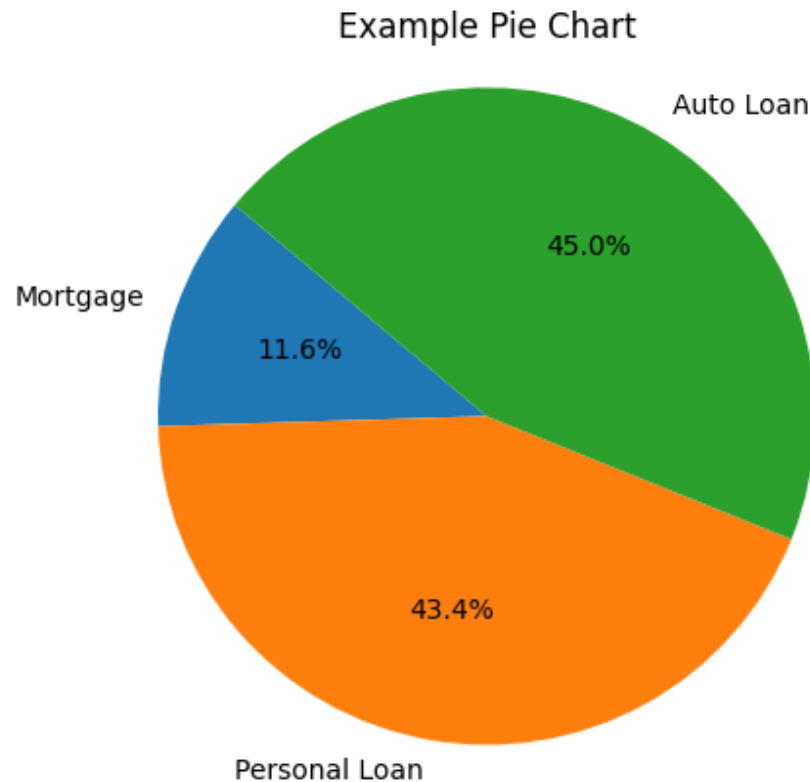
- Account balance vs. number of transactions
- Age vs. income



Pie Chart

Illustrates proportions of a whole. Examples:

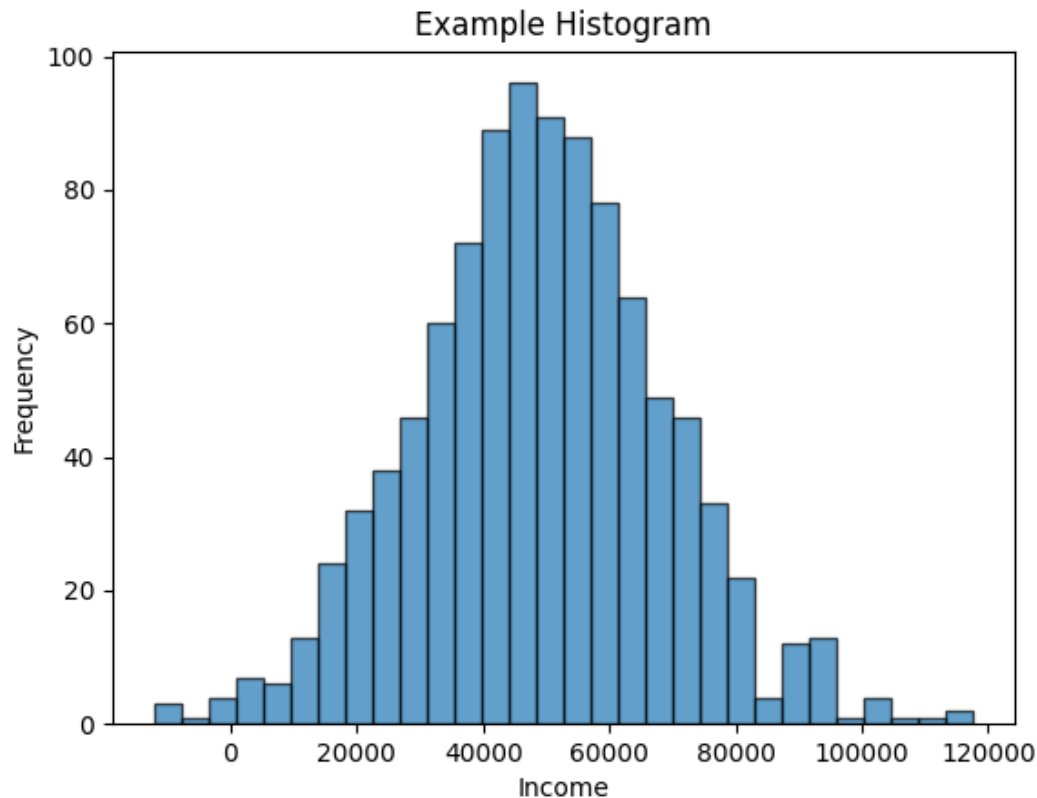
- Loan types distribution within a branch
- Expenses breakdown by category



Histogram

Displays distribution of a continuous variable. Examples:

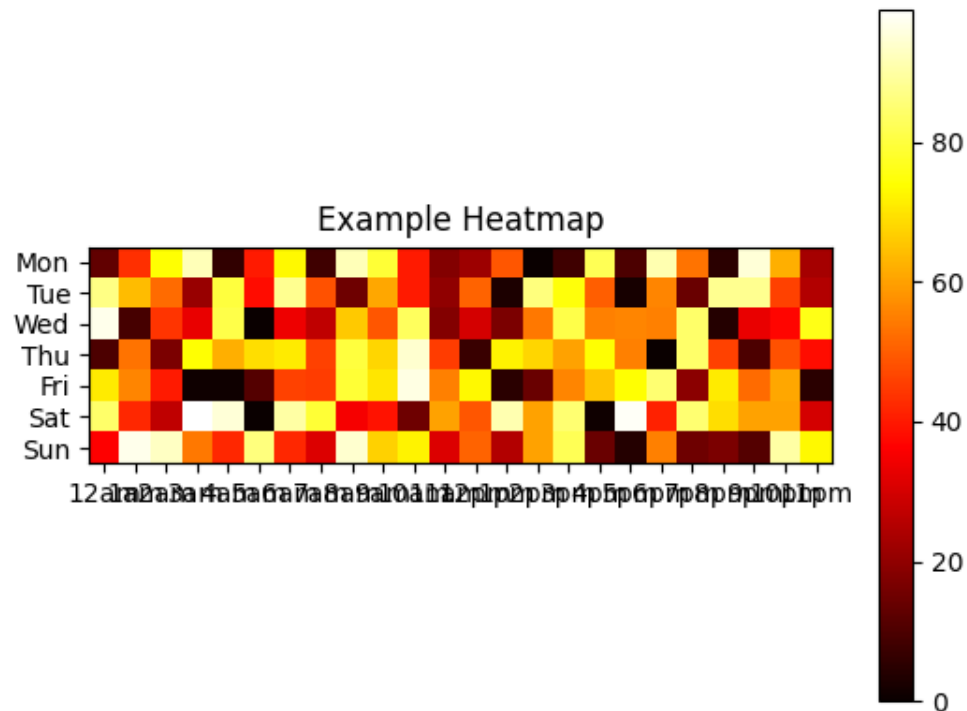
- Income distribution within an age group
- Transaction amounts distribution



Heatmap

Effective for visualizing relationship between two categorical variables. Examples:

- ATM transactions frequency by time of day and day of week
- Loan approval rates by customer segment



Box Plot

Displays distribution and outliers of a continuous variable. Examples:

- Account balance distribution by account type
- Loan amount distribution by loan type

