Categorical Data: Bar Chart & Pie Chart

Comparing Categories and Showing Proportions

Simple Bar Chart 📊

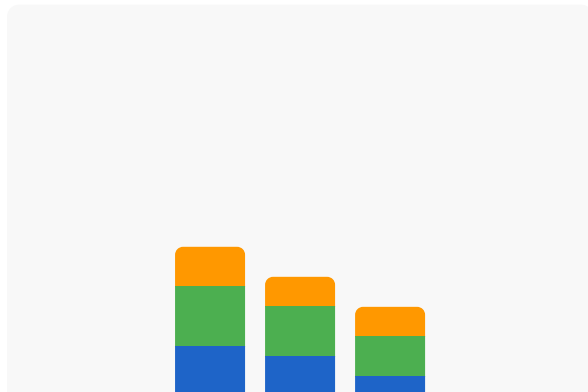*Best for comparing categories*

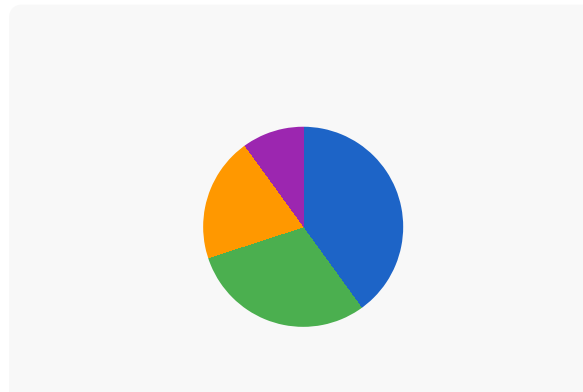## Grouped Bar Chart 📈

Compare subcategories

📋 Guidelines

- Horizontal bars for long names
- Sort by value (descending)
- Stacked bars harder to compare
- Pie only for simple proportions

Stacked Bar Chart 📋

Pie Chart 🥟

Perception Accuracy

Length (Bar)   High ✓

Angle (Pie)   Low ✗

When to Use

Show composition

Use sparingly (<5 categories)

✓ Category comparison
✓ Ranking & ordering
✓ Simple proportions