

Excel

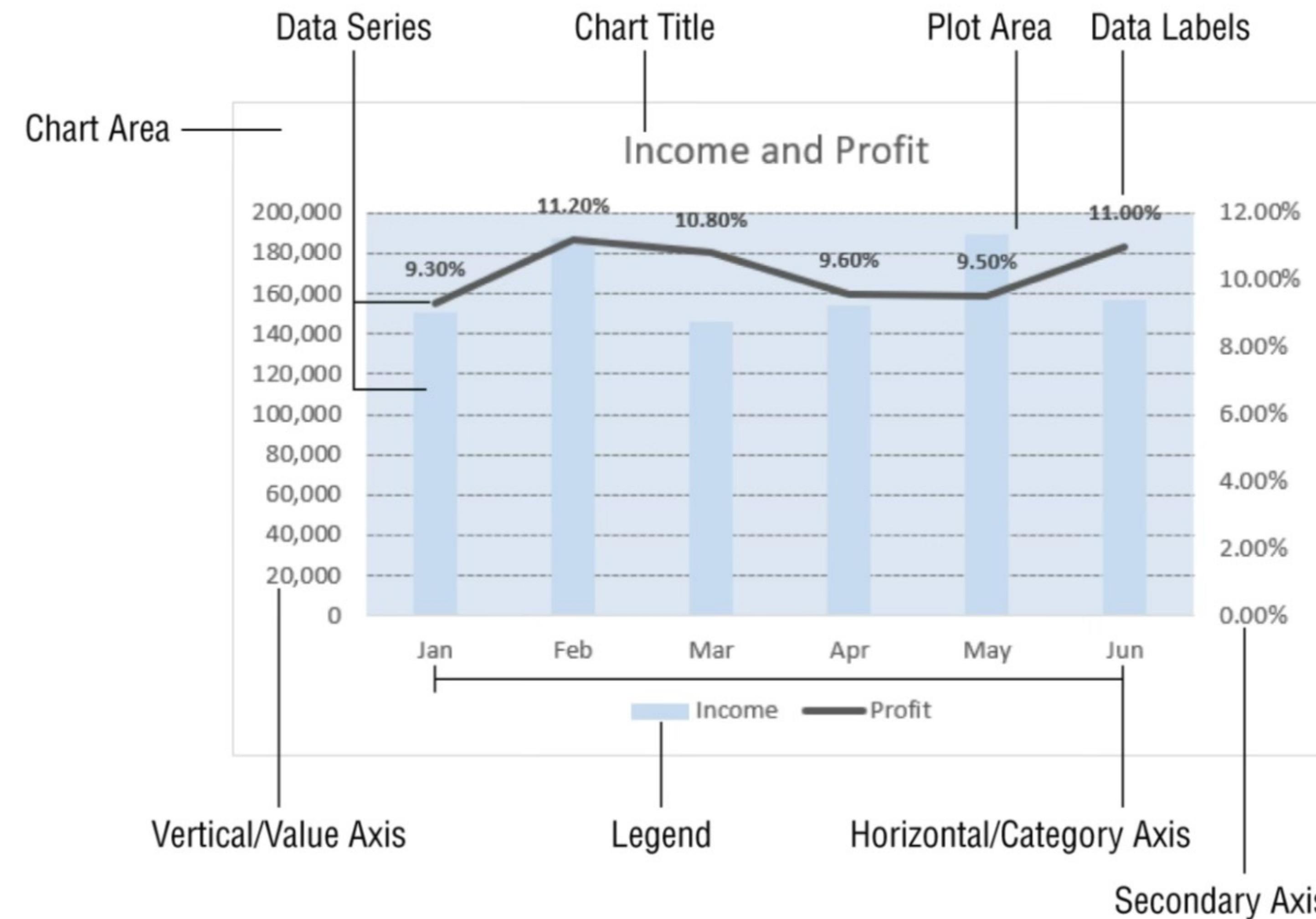
Data Visualization

Alish Bista - 08/28/2025

Chart Parts

Chart Parts

Dissecting Charts

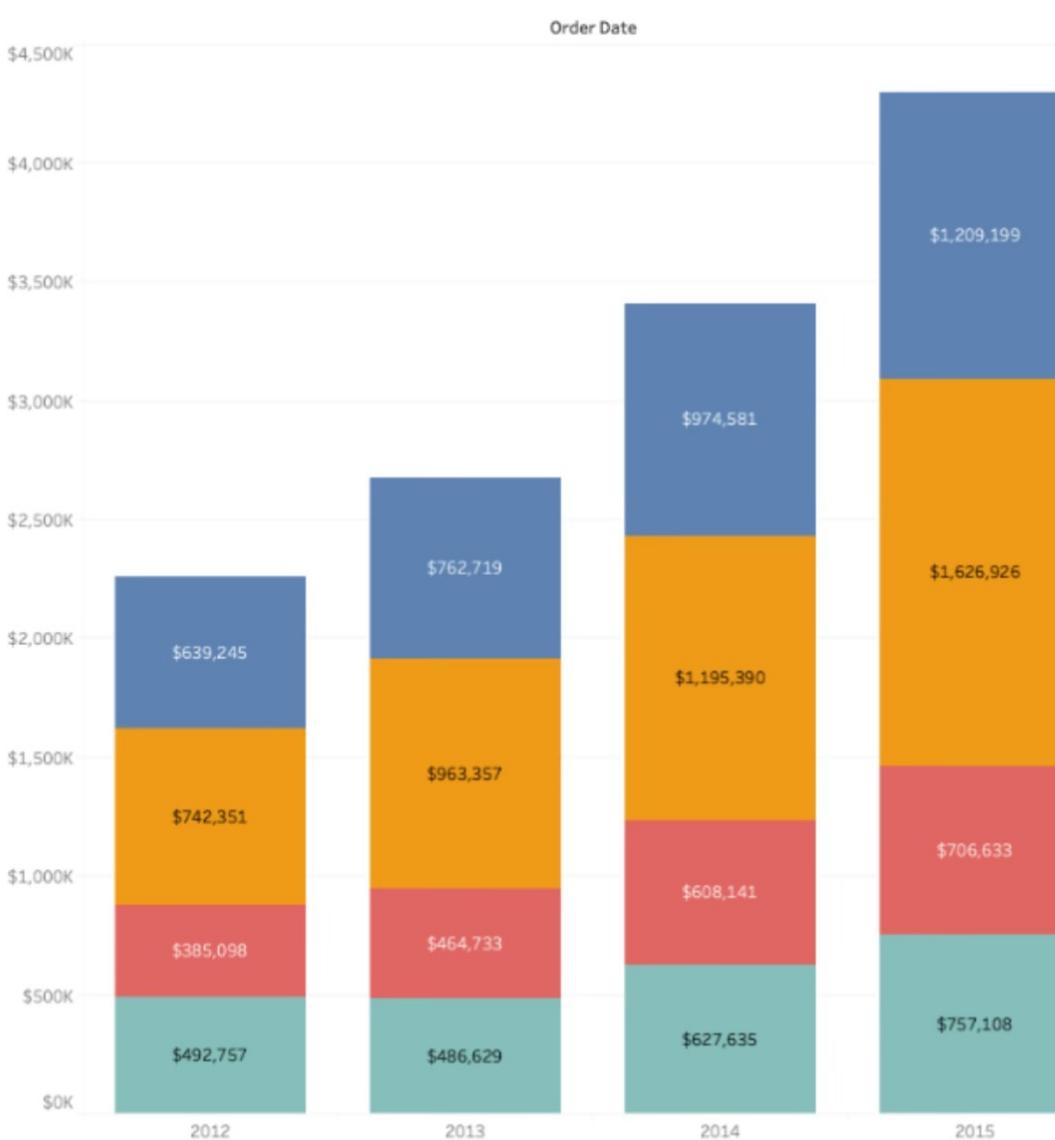
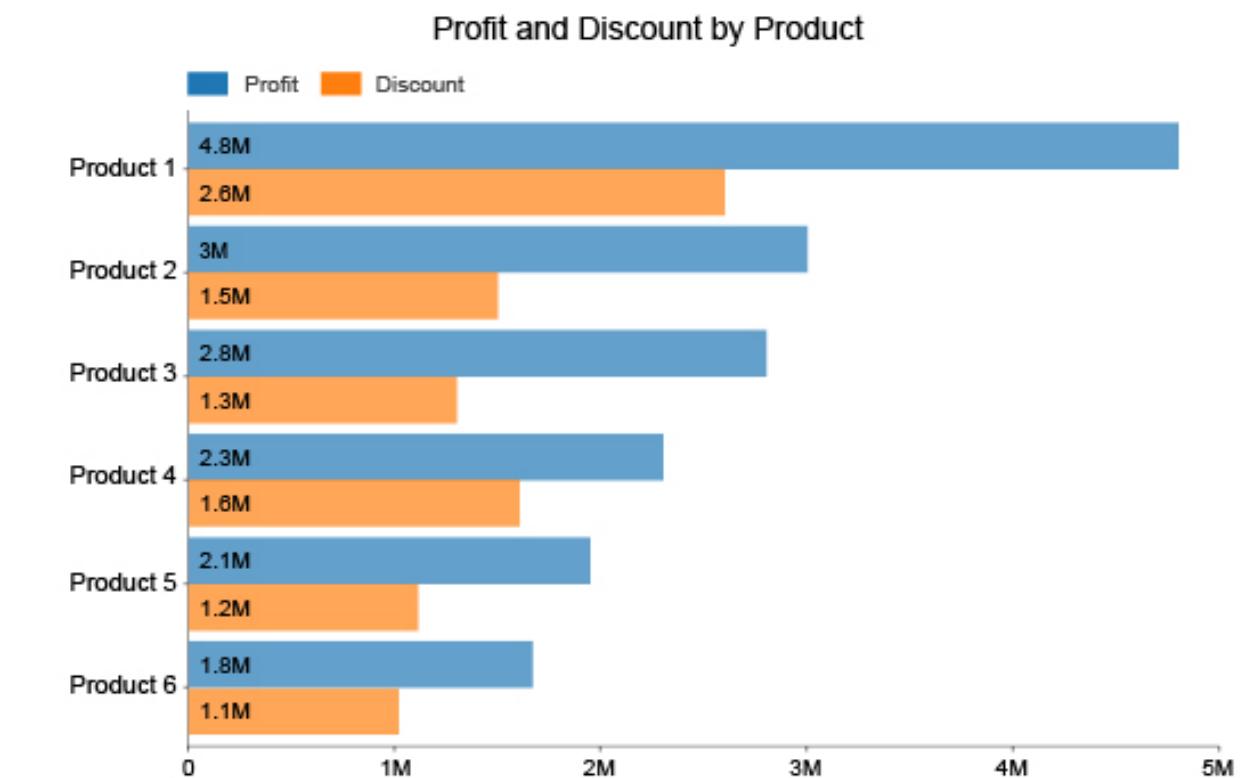
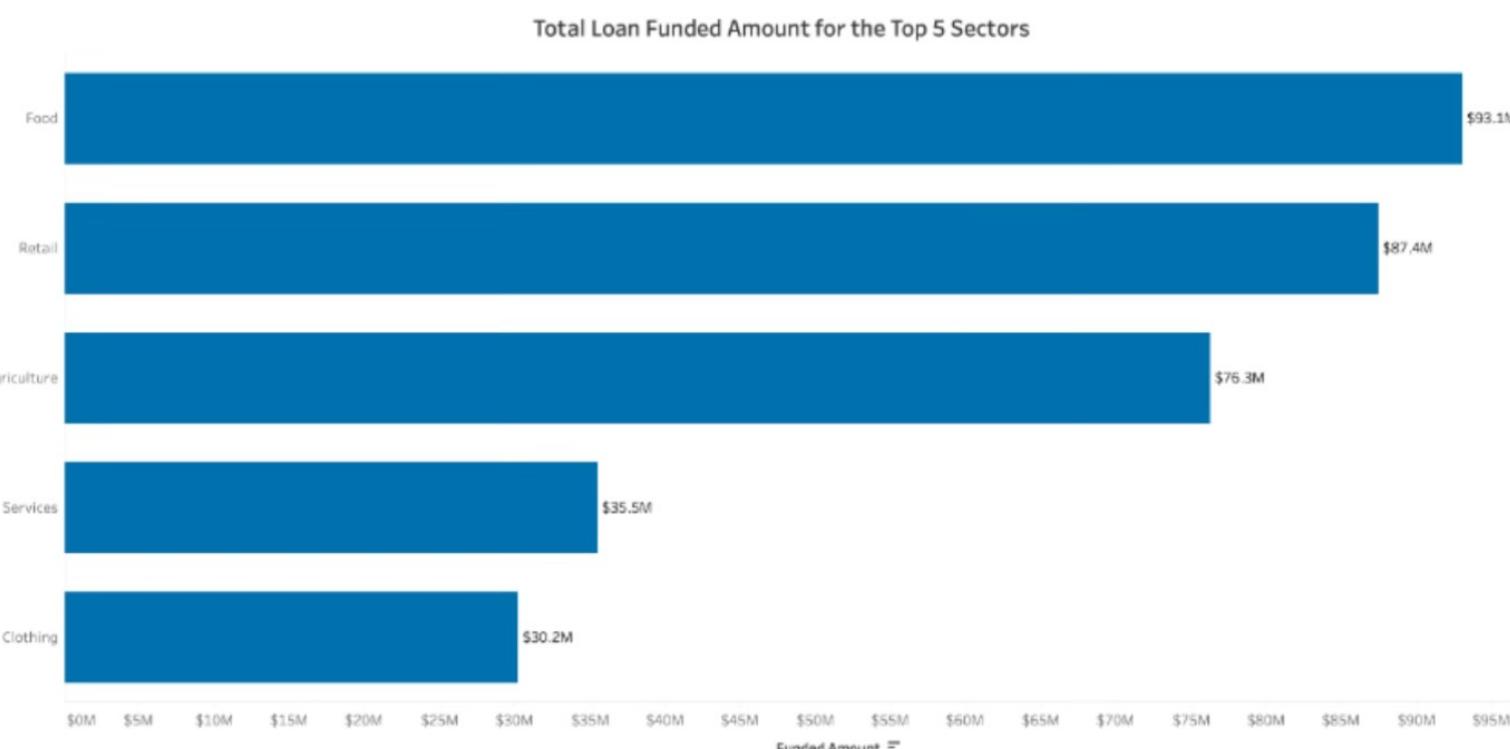


First Charts

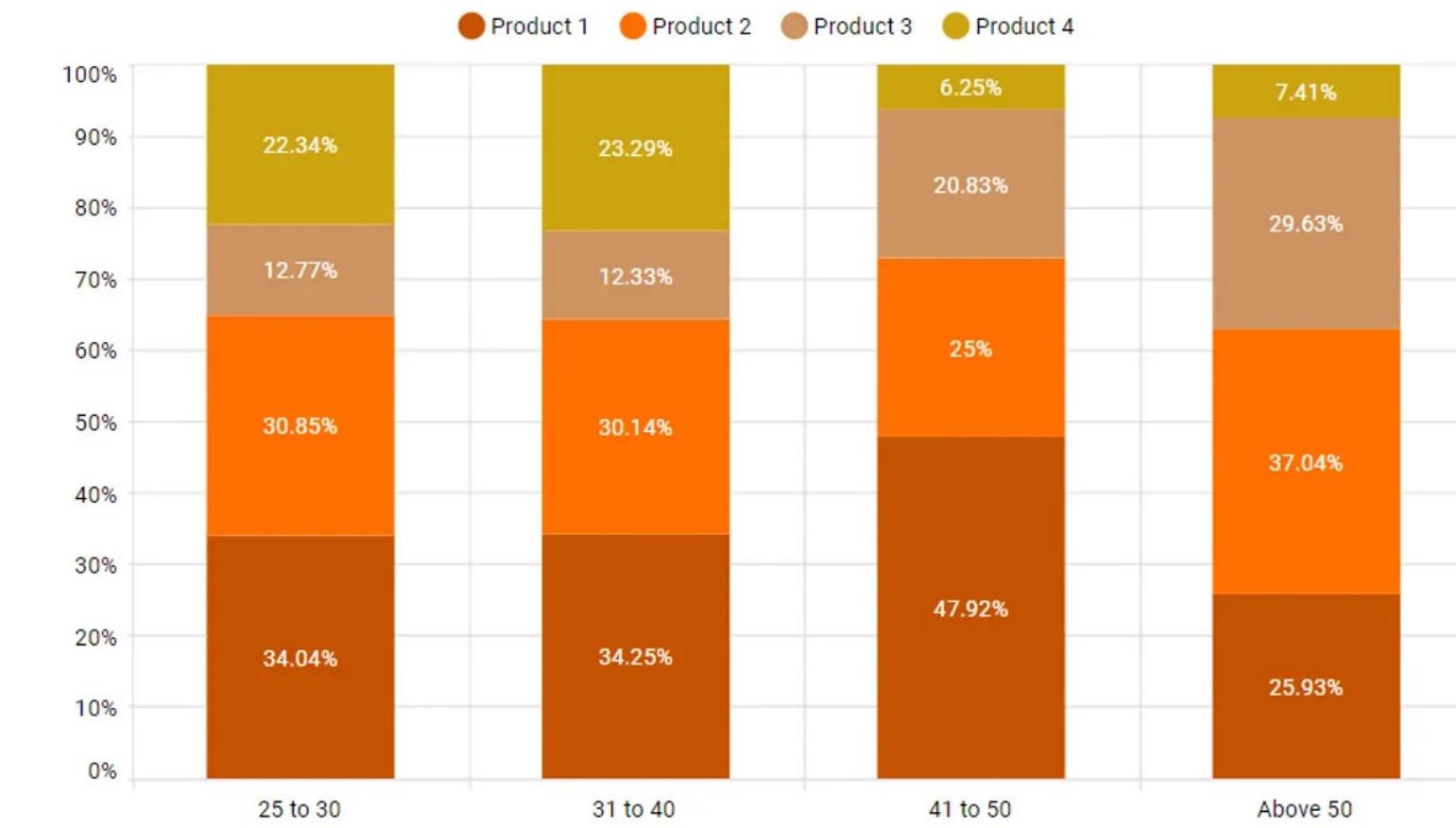
Bar & Column

Setting The Bar

- Clustered
- Stacked
- 100% Stacked



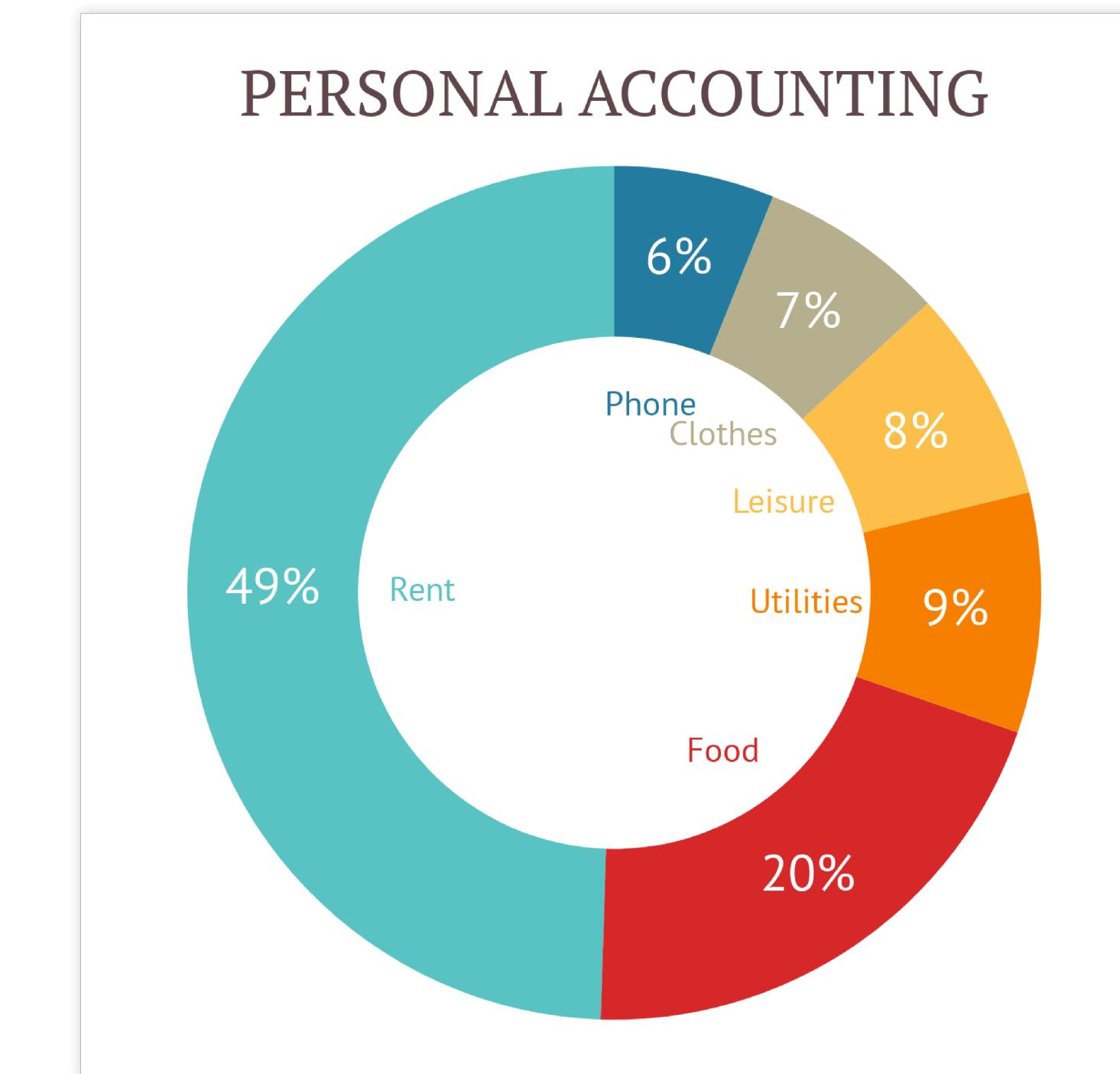
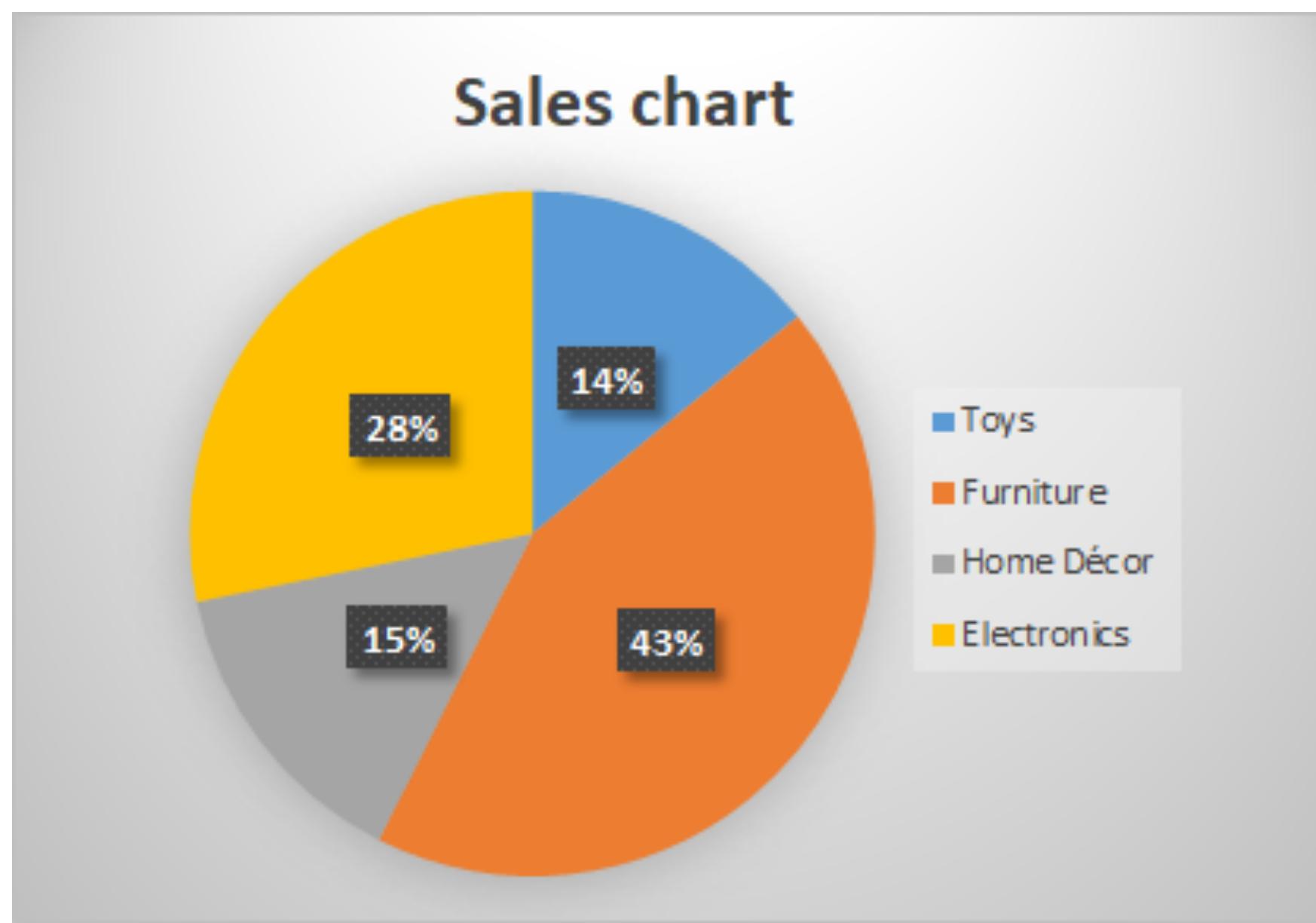
Alternative Product Choice by Age Group
What alternative brand would you go to if our product/service was not available anymore?



Pie & Donut

The Dessert Charts

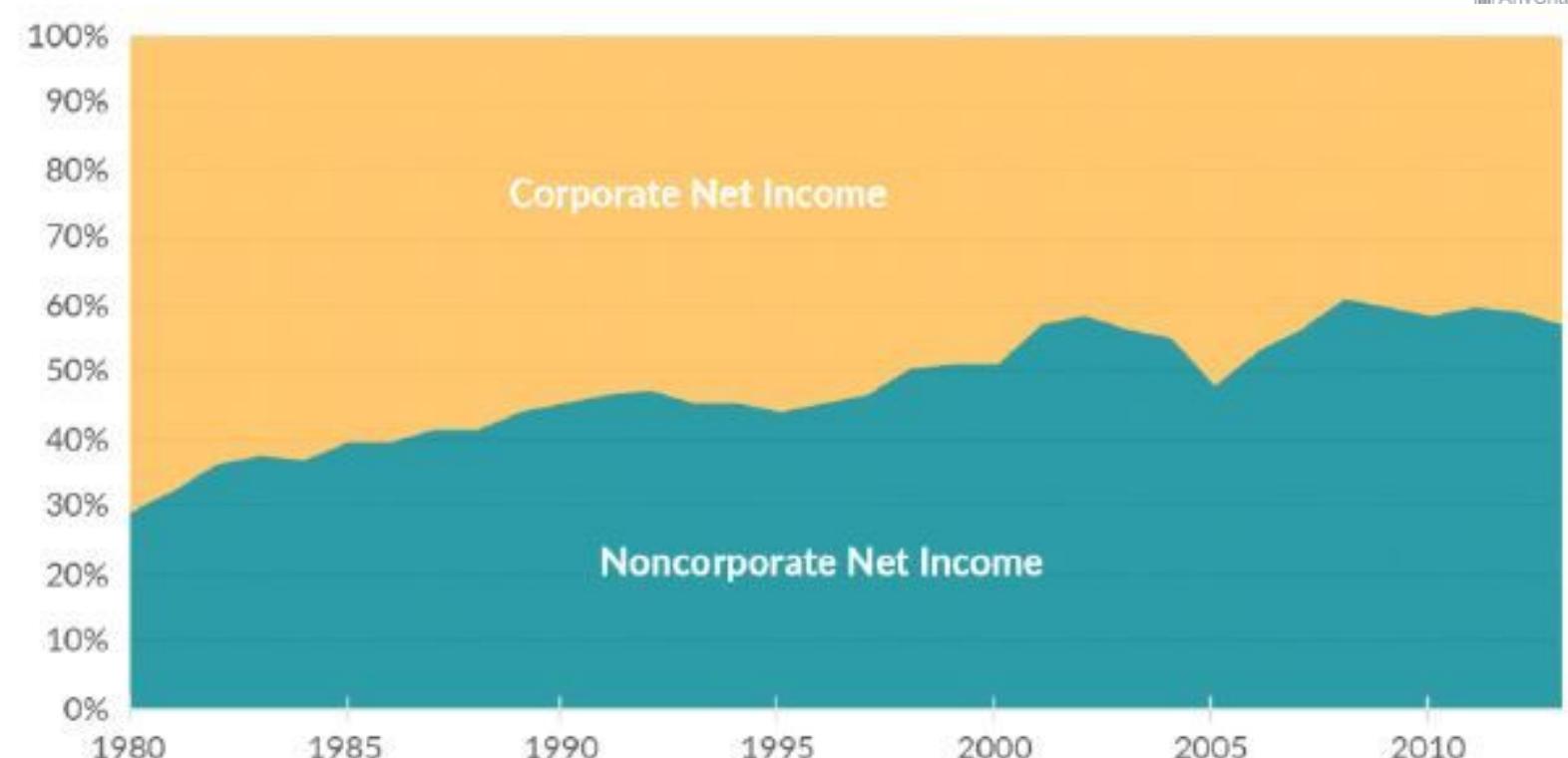
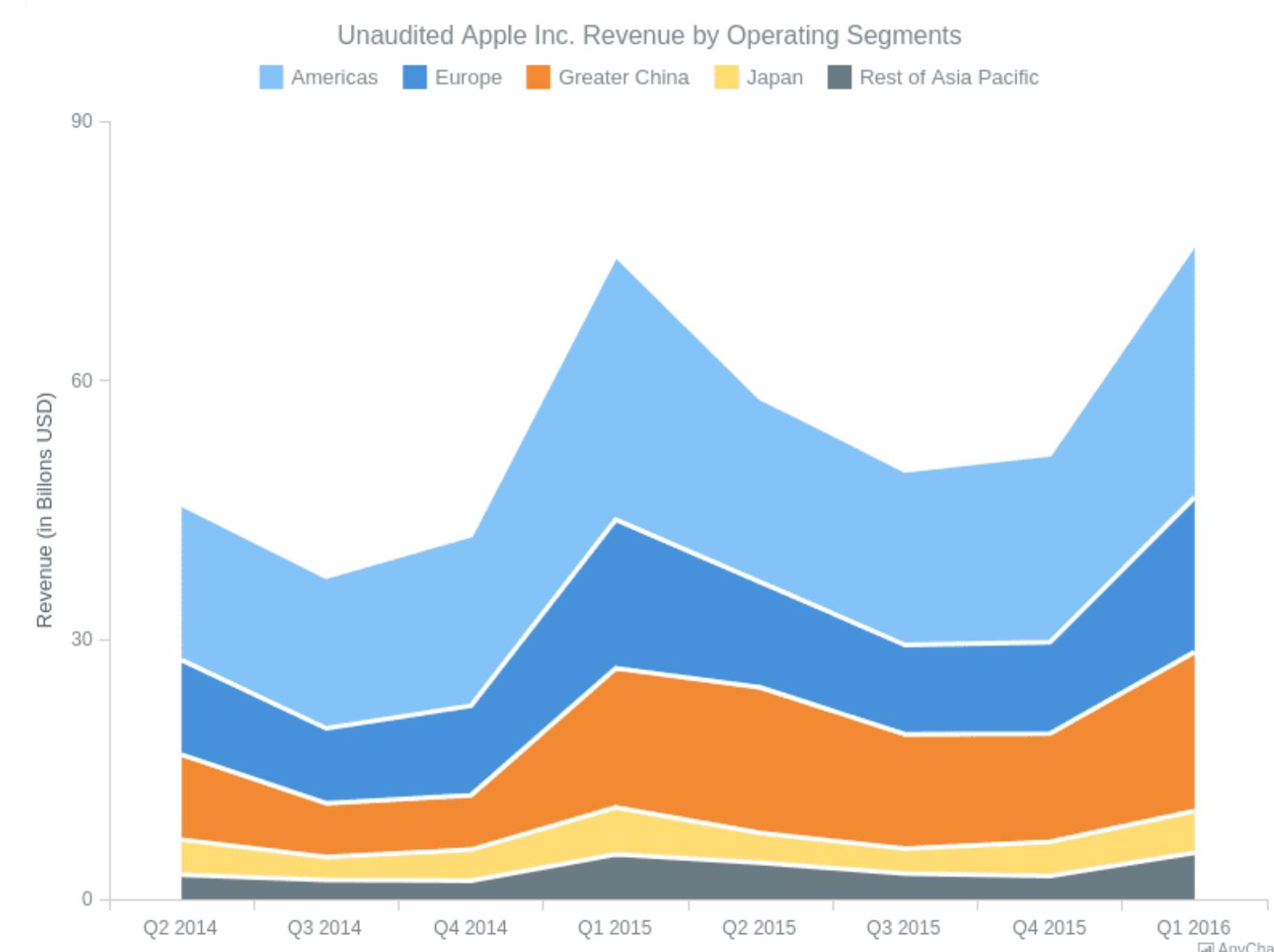
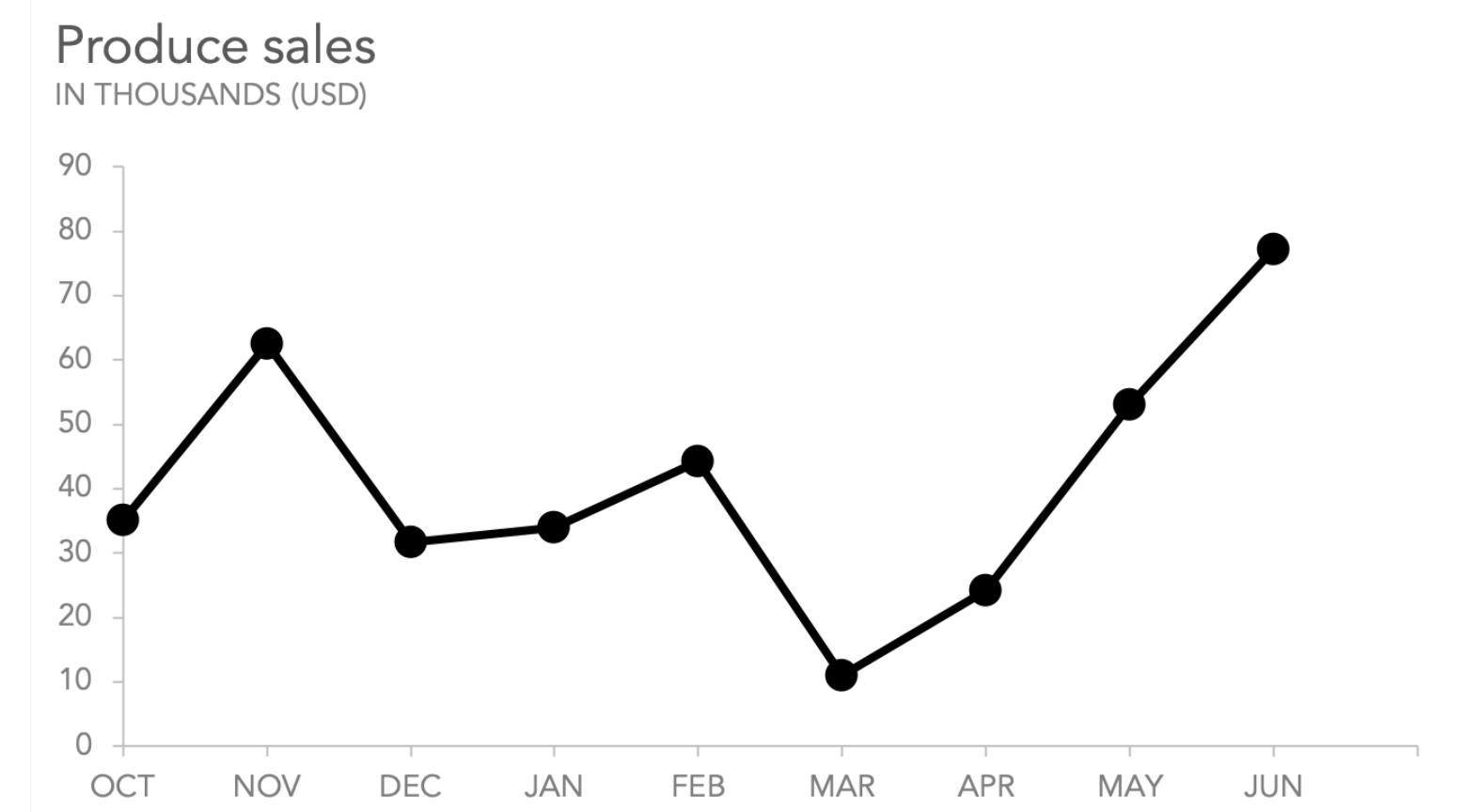
- Illustrates **parts-of-whole** : contributions of different categories to the whole



Line & Area

The Times They Are A-Changin'

- Visualize measures that evolve over time
- Stacked Area
- 100% Stacked Area

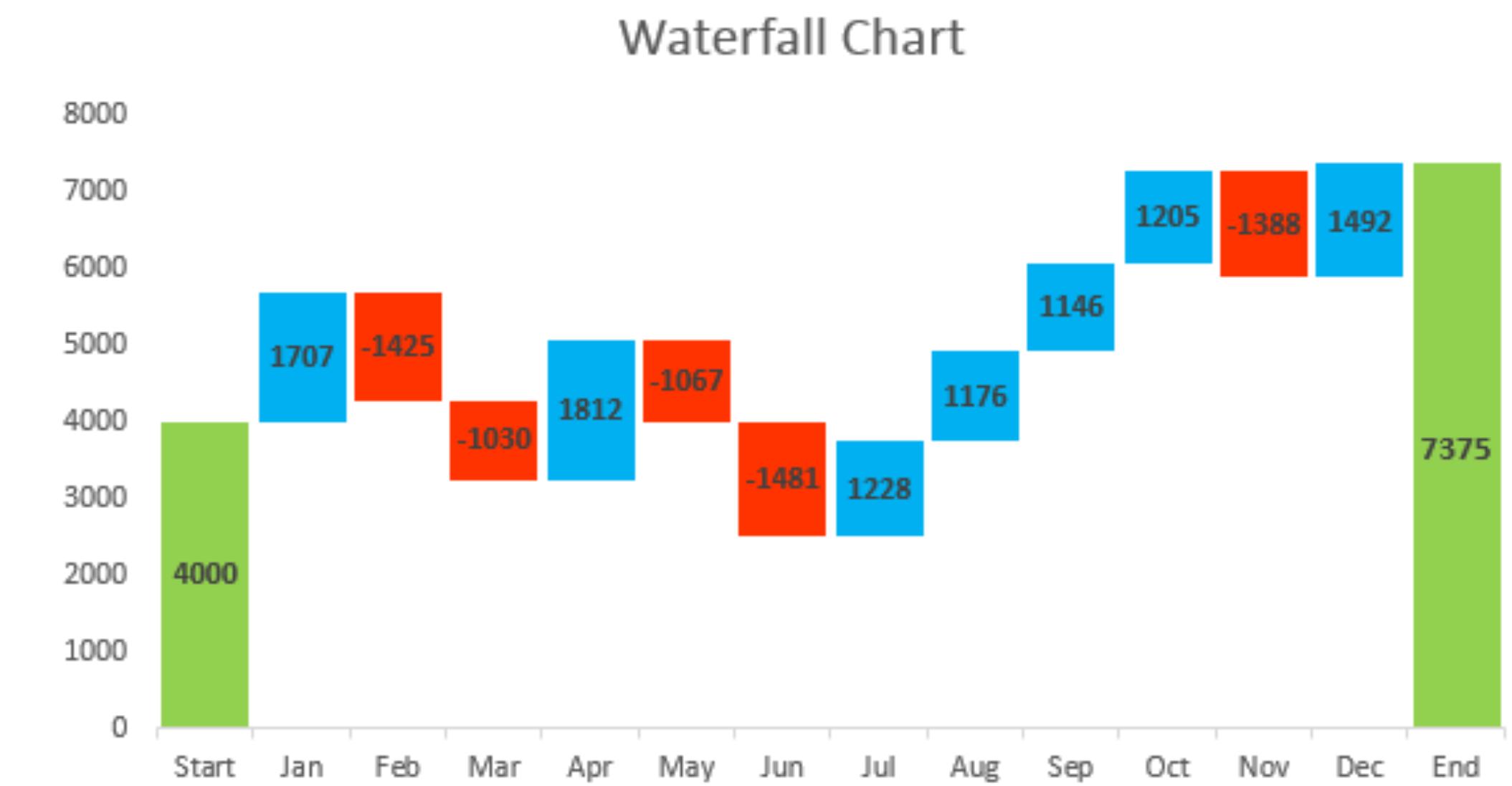


Waterfall Scatter Bullet

Waterfall

Up and Down The Data Flows

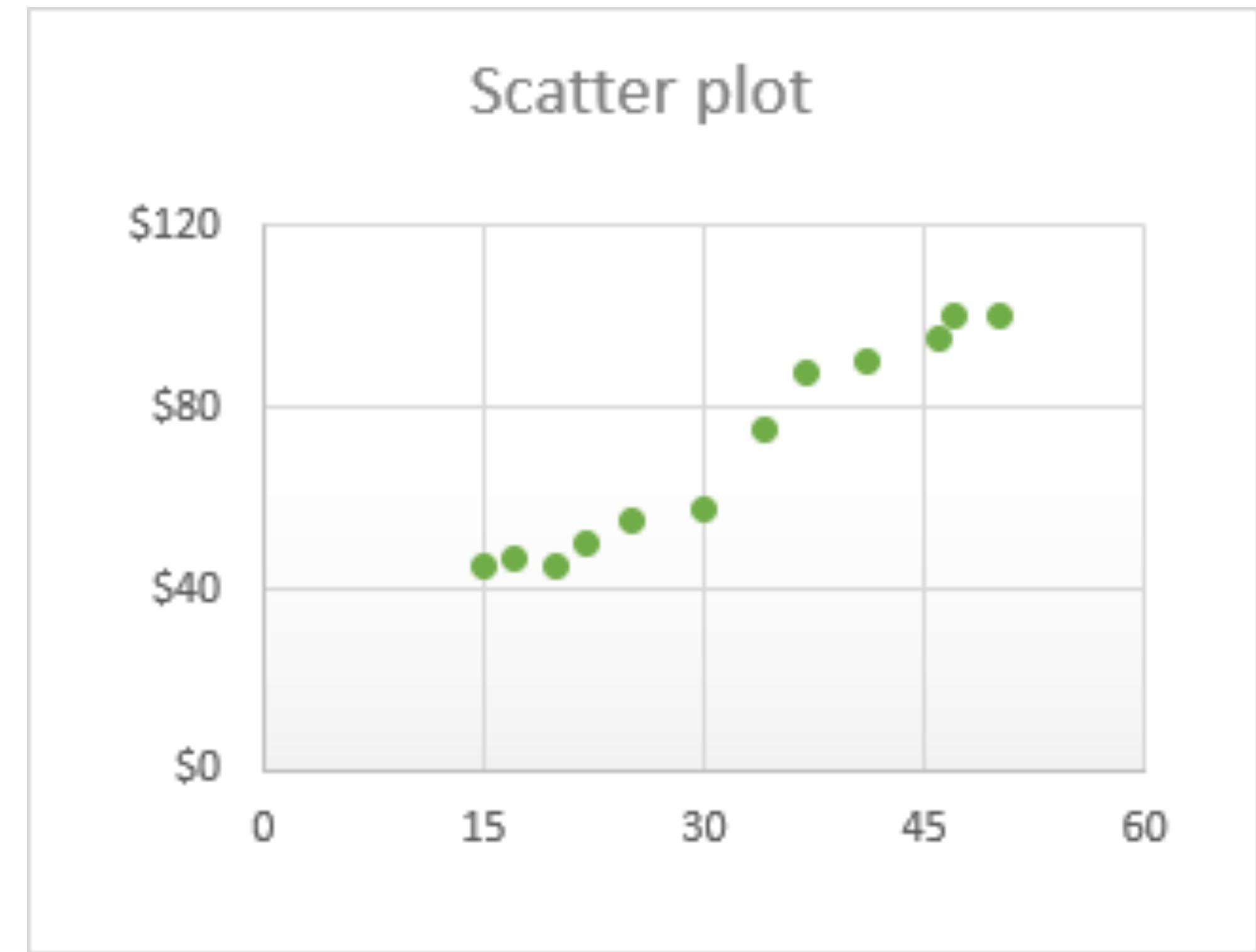
- Visualizes how an initial value increases or decreases through a series of changes
- Each bar represents a positive or negative contribution
- Connects the dots between starting point and end result



Scatter

What Is The Relationship Status?

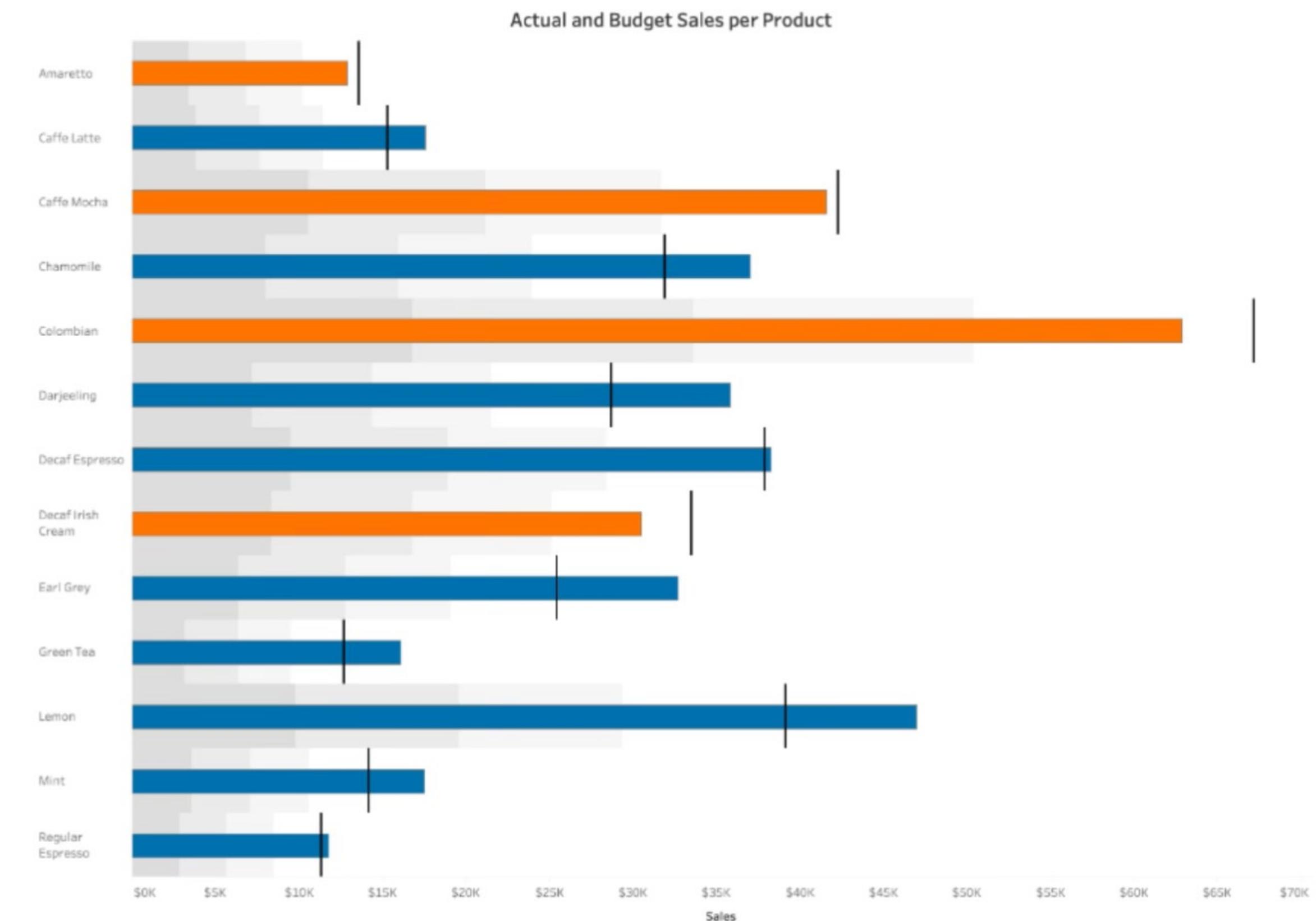
- Helps you spot **patterns and relationships** between variables
- Each dot represents one data point with two values
- Shows if two things are connected
- Helps in answering questions like
 - Do more training hours lead to higher sales performance?



Bullet

You Got Some Comparative Insights? Shoot.

- Consists of a bar marked with extra encodings
- Shows progress/performance towards a goal/reference/threshold
- Commonly used to compare forecasts to actual numbers
- Helps gauge quantitative measure in relation to qualitative ranges

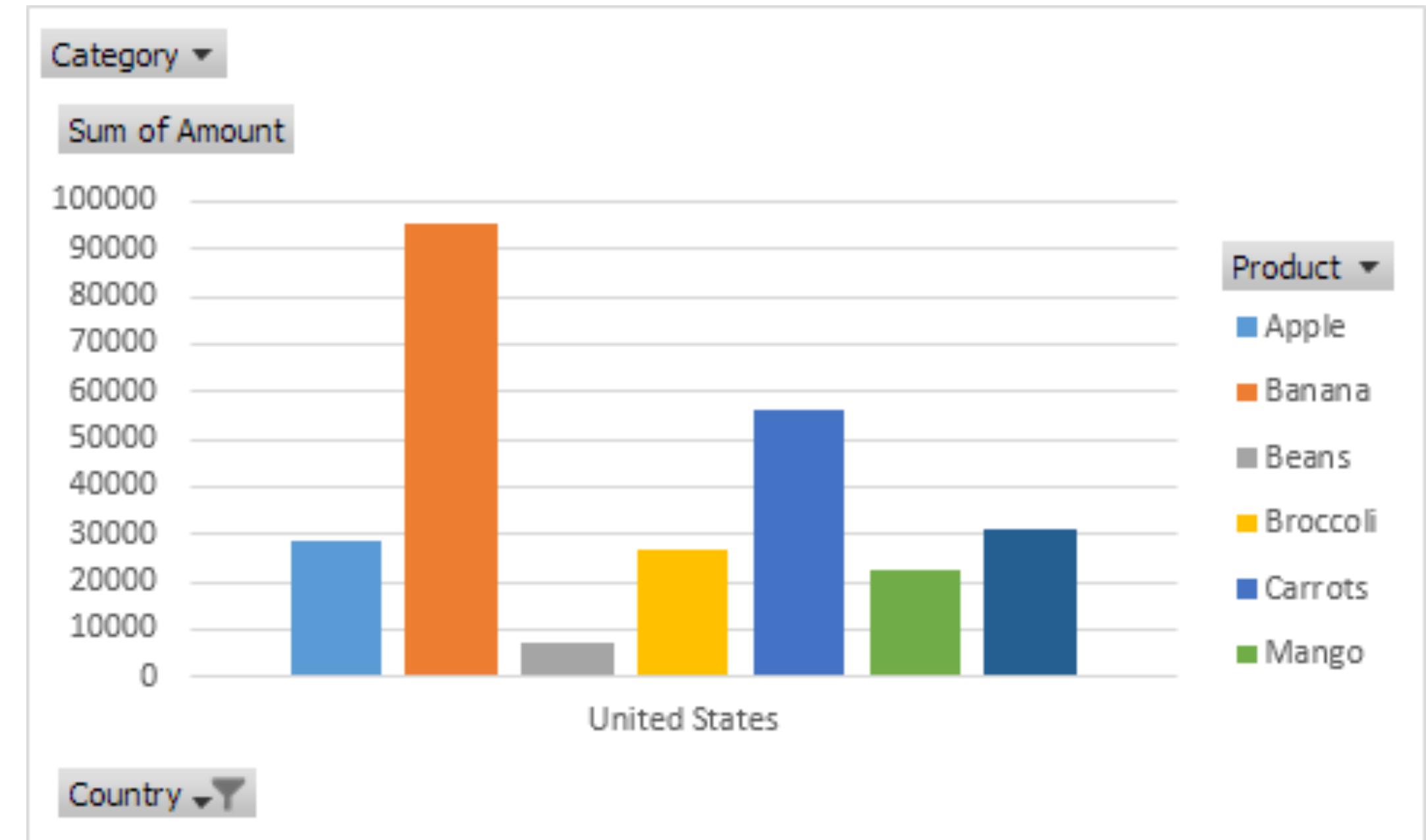


Pivot Charts

Pivot Chart

Picture A Pivot Table

- A visual representation of a Pivot Table
- Automatically groups and summarizes your data
- Perfect for exploring data from multiple angles



Q&A