

# Excel

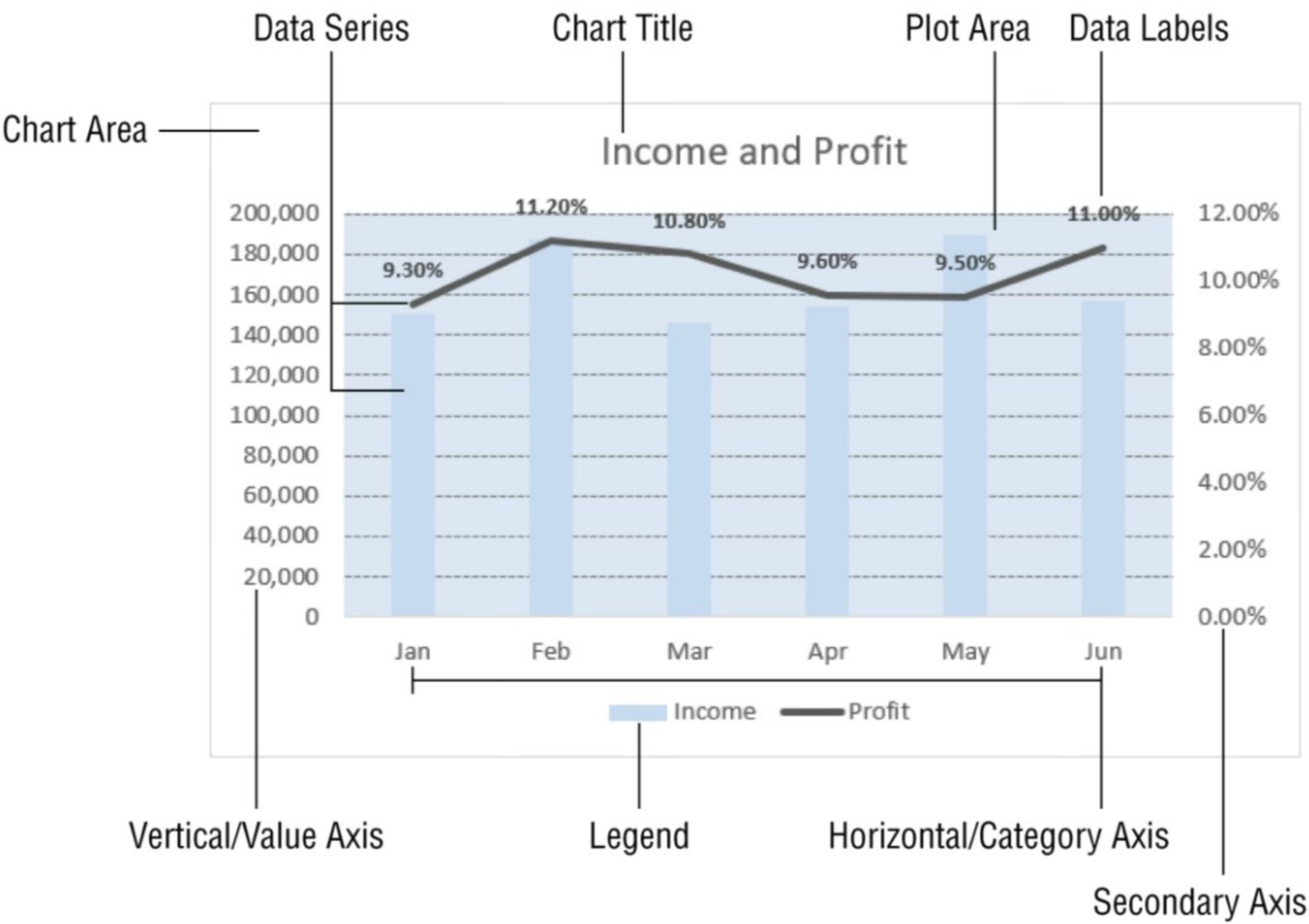
## Data Visualization

Alish Bista - 08/28/2025

# Chart Parts

# Chart Parts

## Dissecting Charts

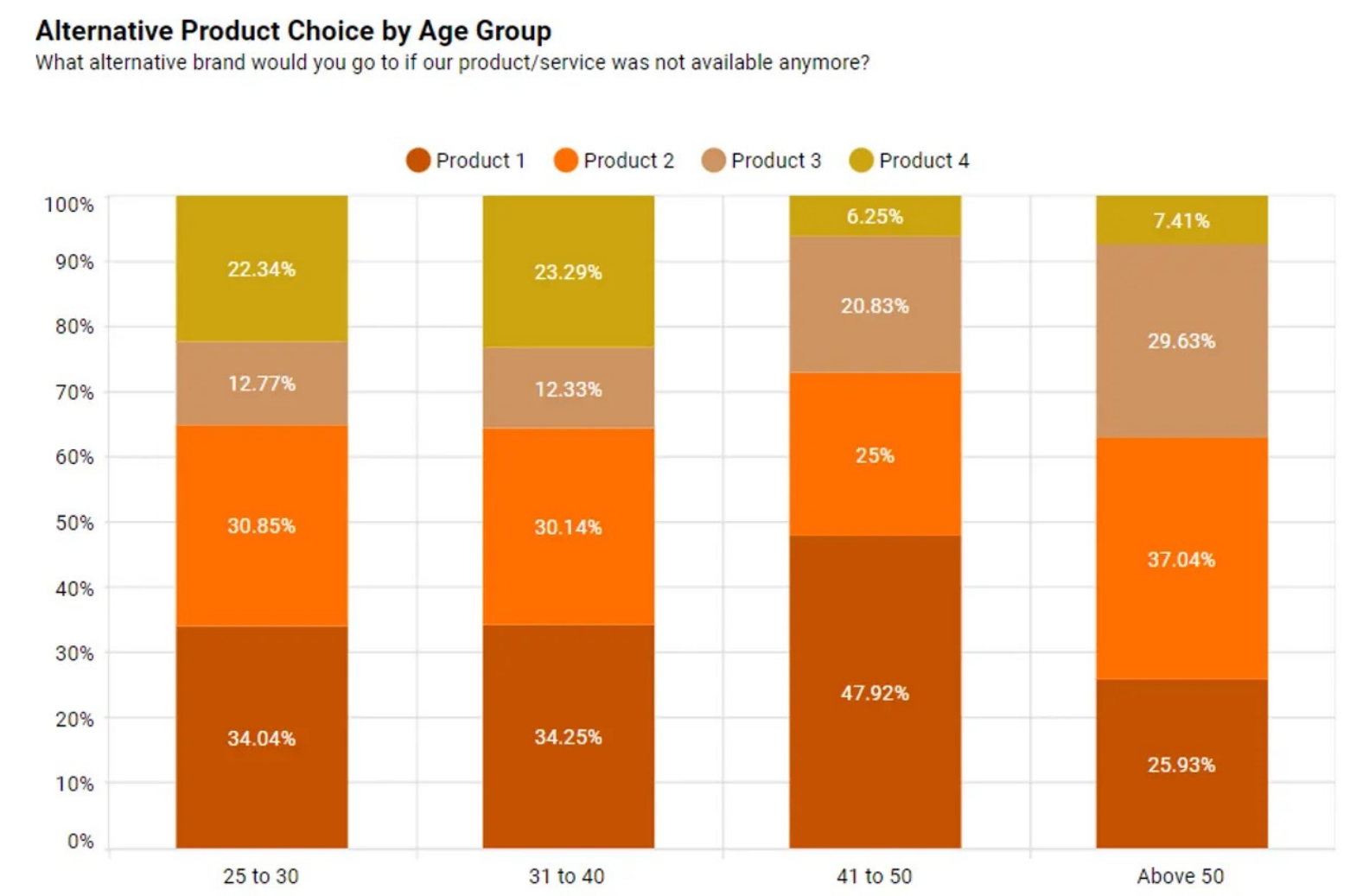
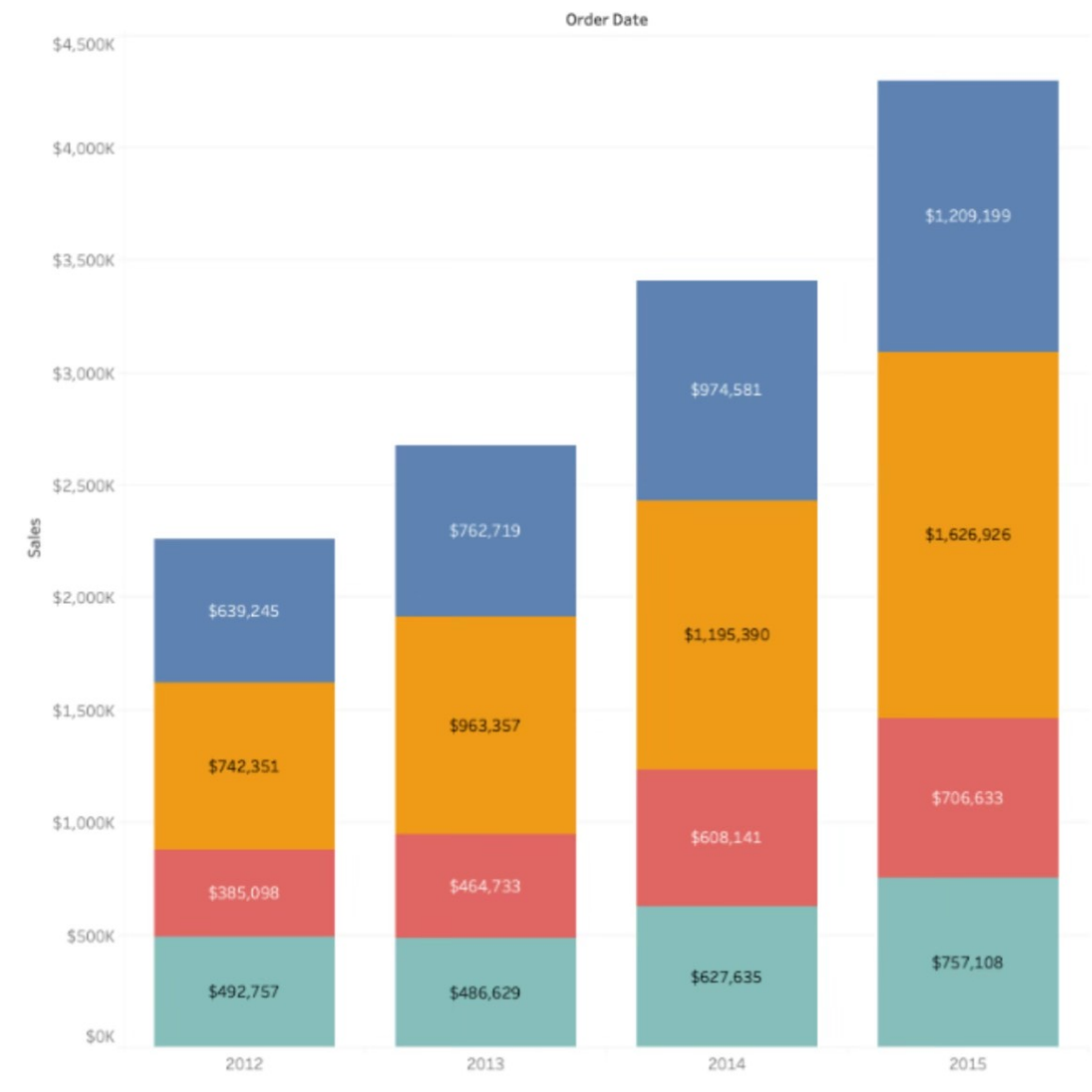
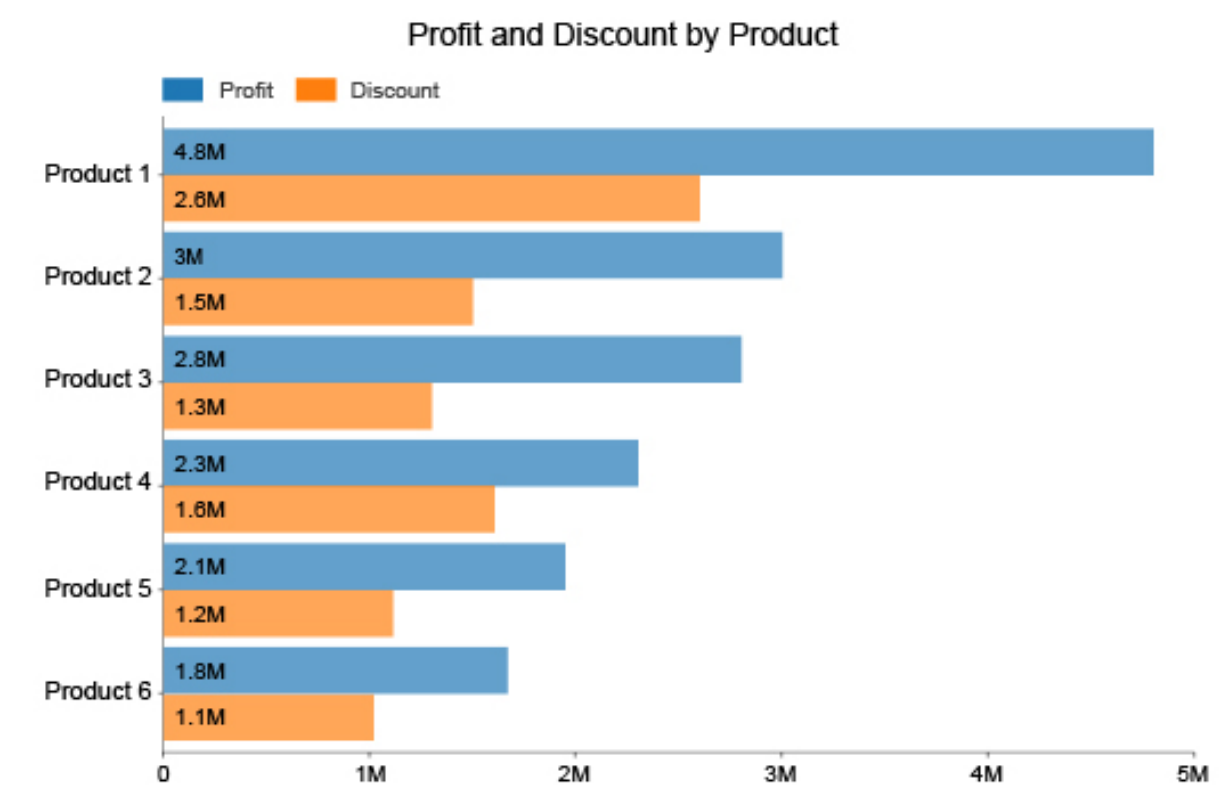
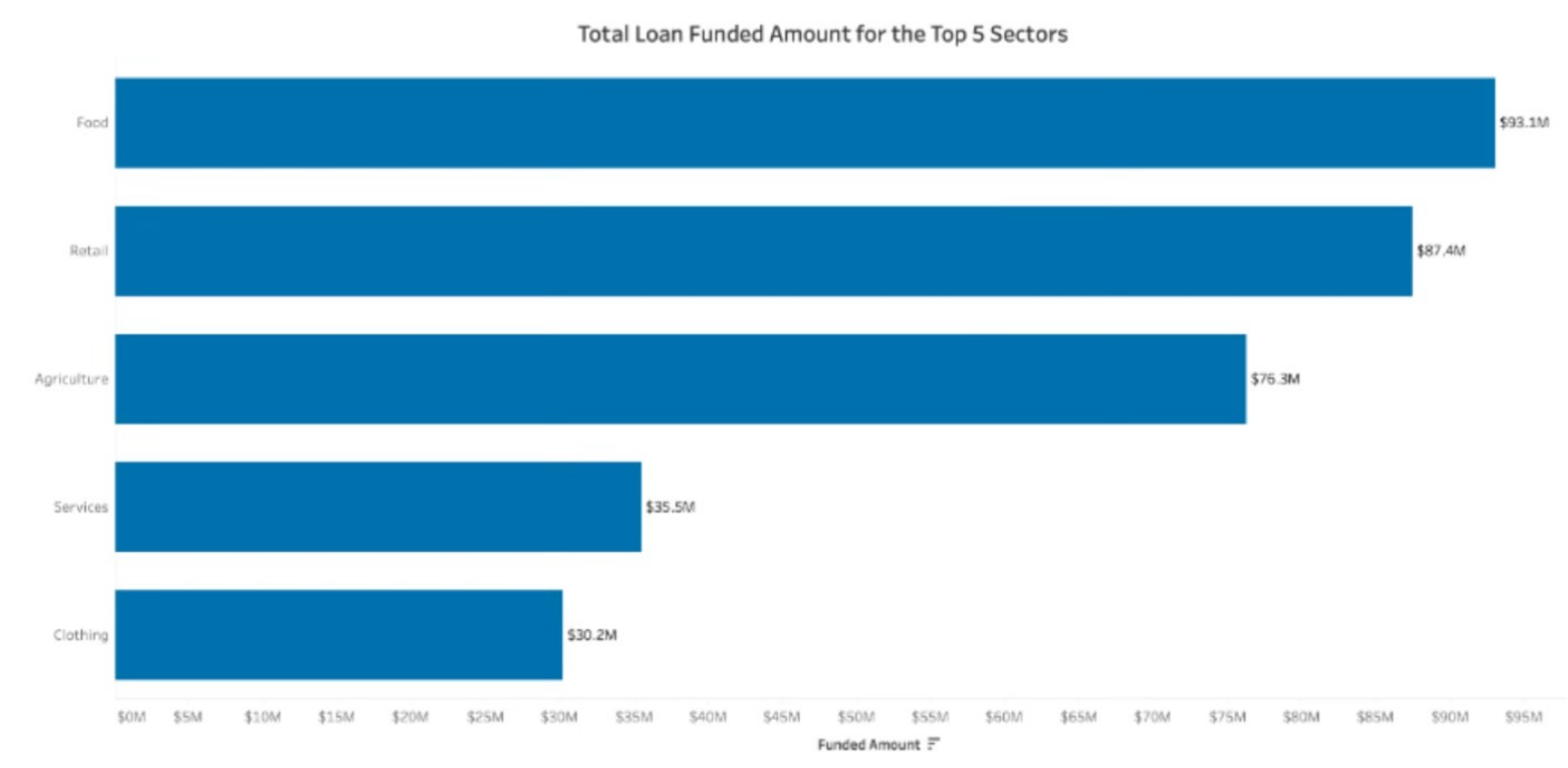


# First Charts

# Bar & Column

## Setting The Bar

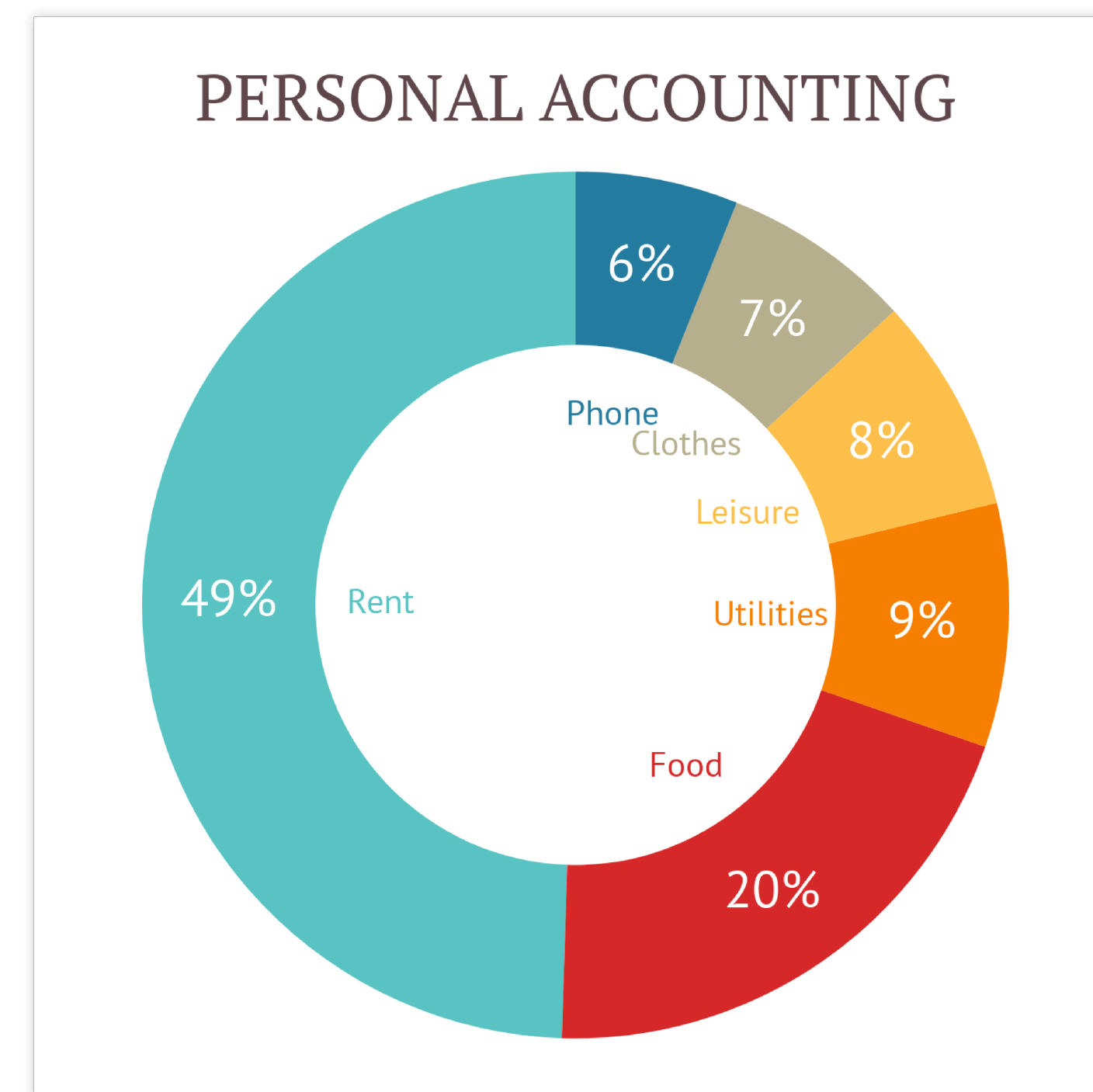
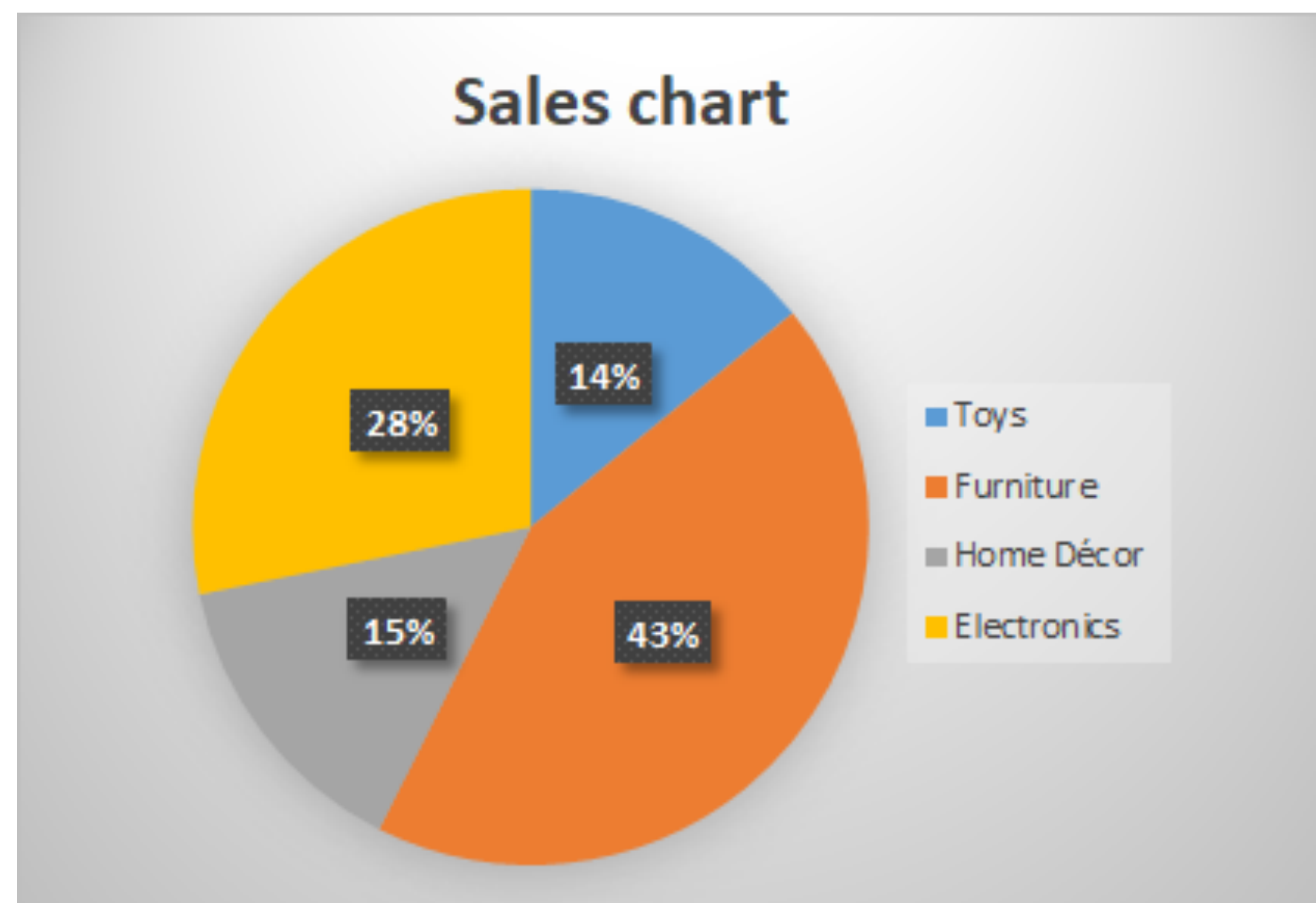
- Clustered
- Stacked
- 100 % Stacked



# Pie & Donut

## The Dessert Charts

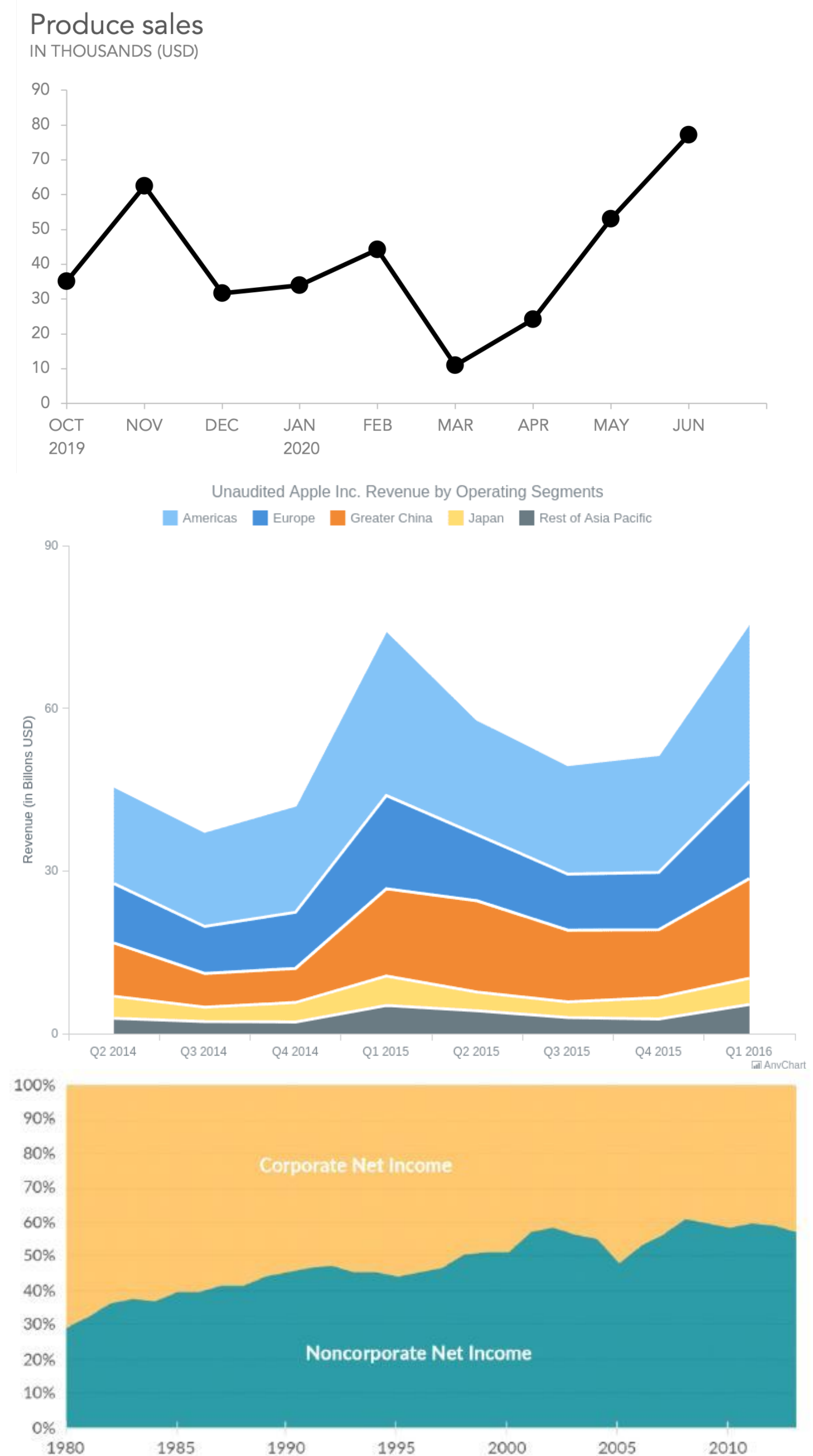
- Illustrates ***parts-of-whole*** : contributions of different categories to the whole



# Line & Area

## The Times They Are A-Changin'

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



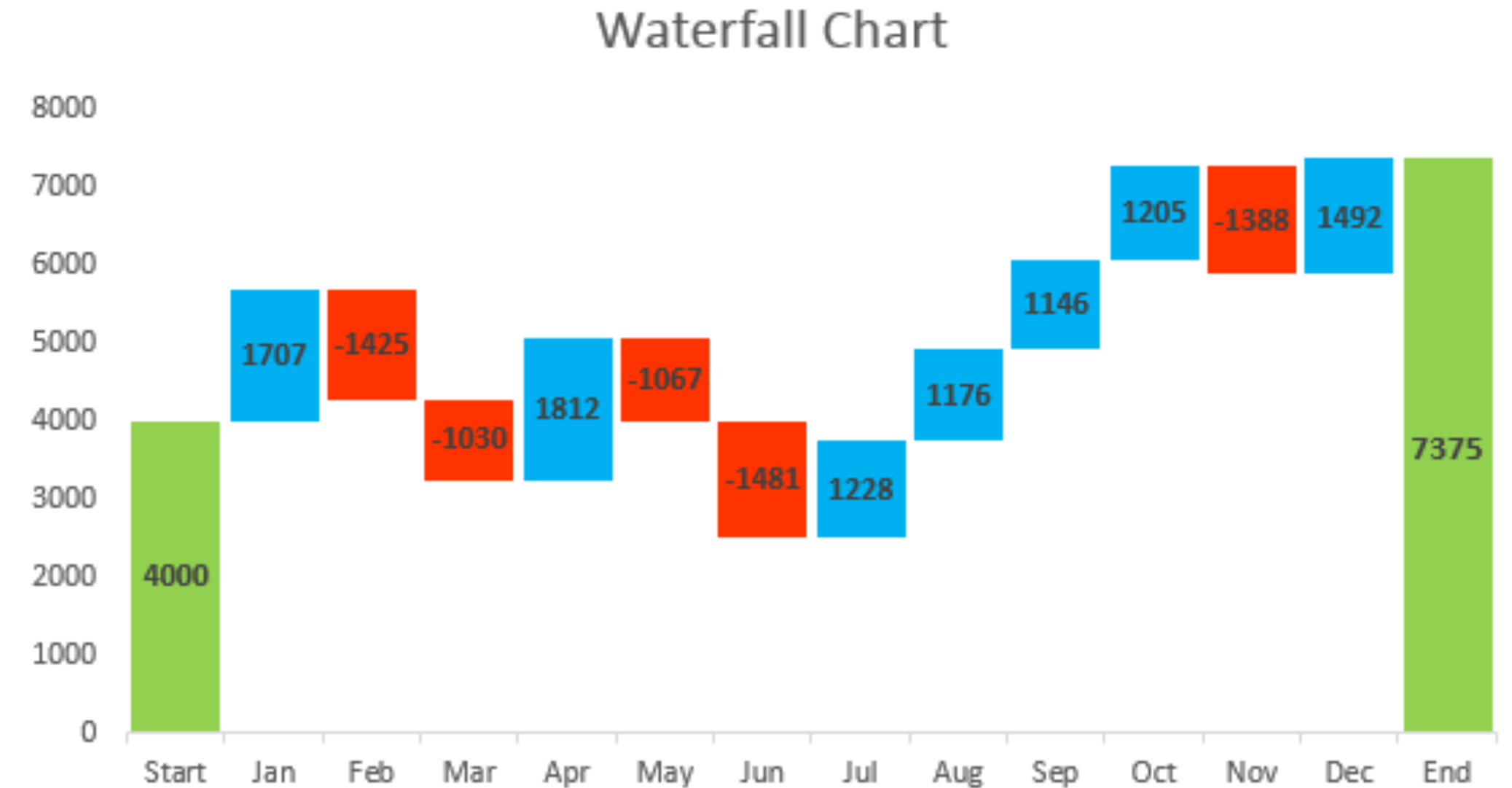
# Waterfall Scatter Bullet



# Waterfall

## Up and Down The Data Flows

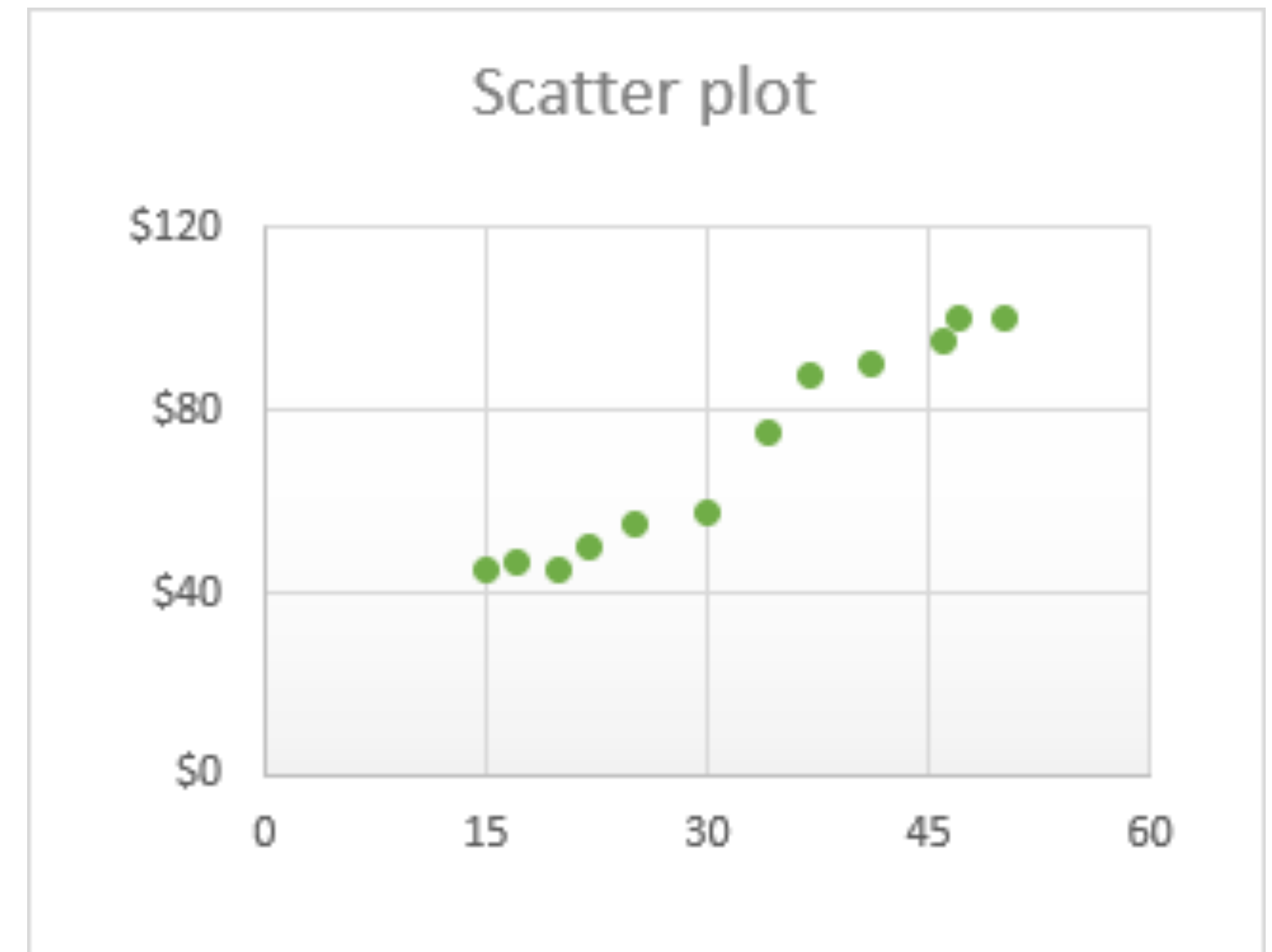
- Visualizes how an initial value increases or decreases through a series of changes
- Each bar represents a positive or negative contribution
- Connects the dots between starting point and end result



# Scatter

## What Is The Relationship Status?

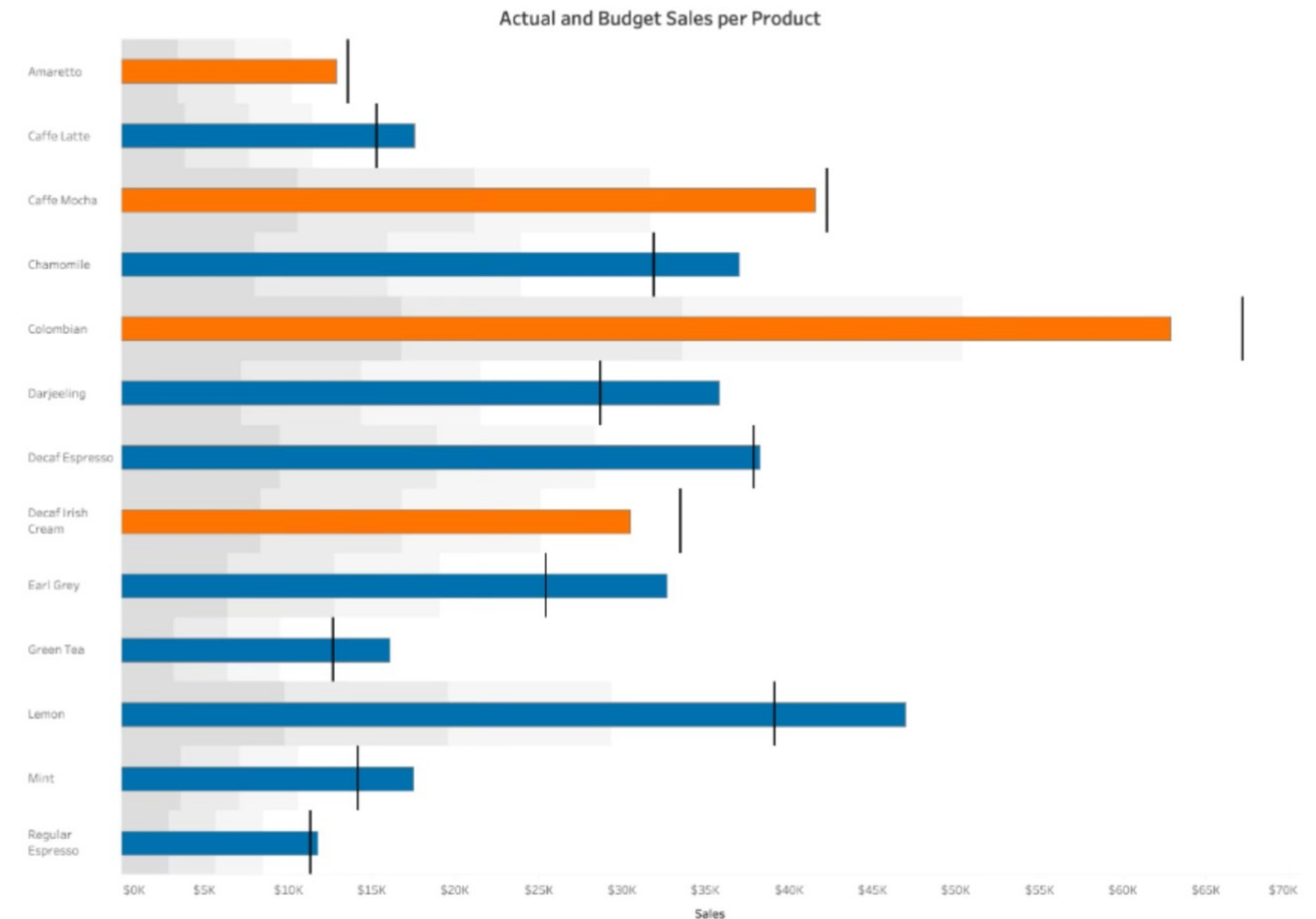
- Helps you spot **patterns and relationships** between variables
- Each dot represents one data point with two values
- Shows if two things are connected
- Helps in answering questions like
  - Do more training hours lead to higher sales performance?



# 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

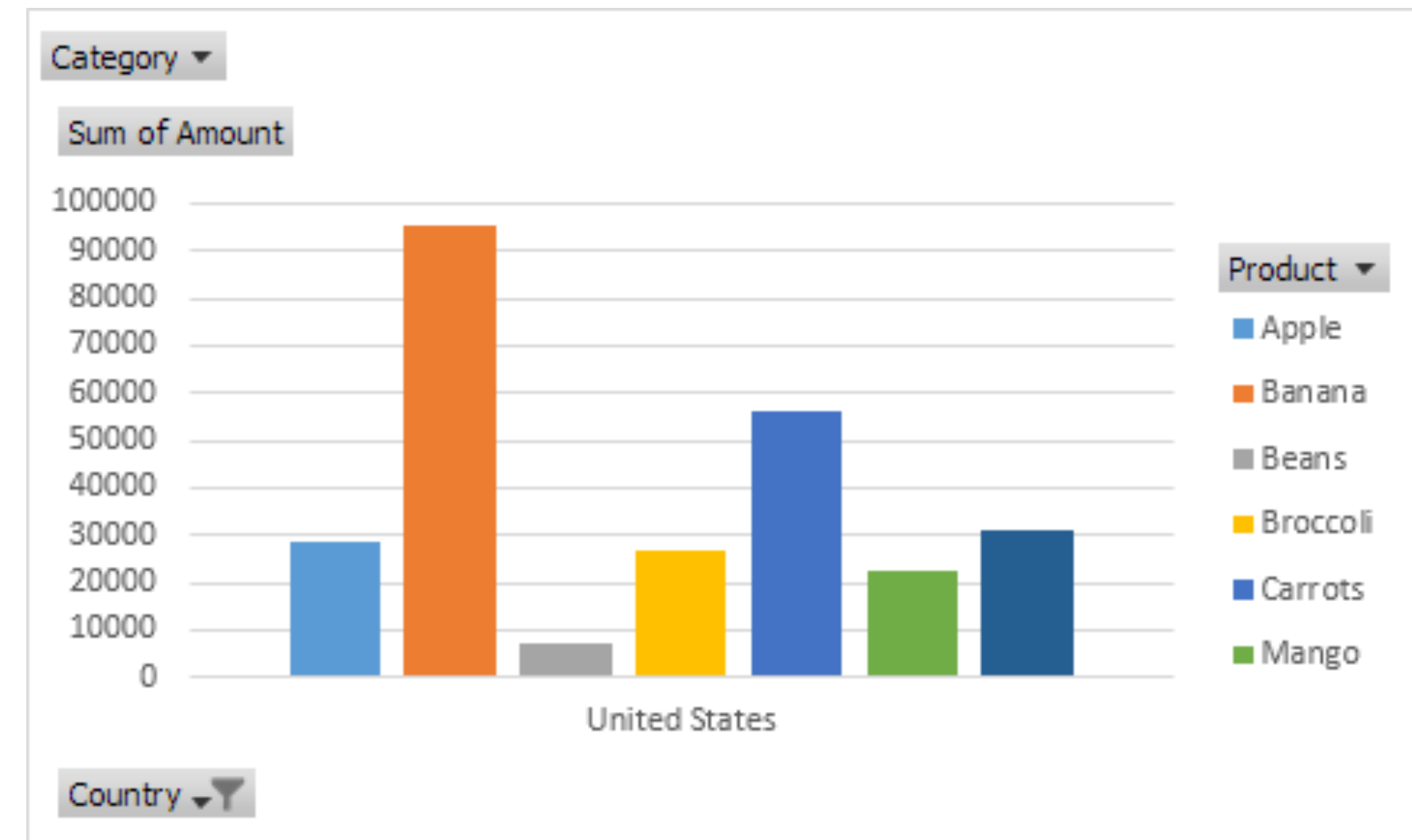


# Pivot Charts

# 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**