Guided Visualizations for Charts and Graphs

What would you like to show?

Comparison

Among Items

- **Two Variables per Item** → Variable Width Column Chart
- **One Variable per Item**
  - **Many Categories** → Table or Table with Embedded Charts
  - **Few Categories**
    - **Many Items** → Bar Chart
    - **Few Items** → Column Chart

Over Time

- **Many Periods**
  - **Cyclical Data** → Circular Area Chart
  - **Non-Cyclical Data** → Line Chart
- **Few Periods**
  - **Single or Few Categories** → Column Chart
  - **Many Categories** → Line Chart

Relationship

- **Two Variables** → Scatter Chart
- **Three Variables** → Bubble Chart

Distribution

- **Single Variables**
  - **Few Data Points** → Column Histogram
  - **Many Data Points** → Line Histogram
- **Two Variables** → Scatter Chart
- **Three Variables** → 3D Area Chart

Composition

- **Changing Over Time**
  - **Few Periods**
    - **Only Relative Differences Matter** → Stacked 100% Column Chart
    - **Relative and Absolute Differences Matter** → Stacked Column Chart
  - **Many Periods**
    - **Only Relative Differences Matter** → Stacked 100% Area Chart
    - **Relative and Absolute Differences Matter** → Stacked Area Chart
- **Static**
  - **Simple Share of Total** → Pie Chart
  - **Accumulation or Subtraction to Total** → Waterfall Chart
  - **Components of Components** → Stacked 100% Column Chart with Subcomponents