

# The Four Major Enhancement Techniques

Using **TALE** in Power BI

## Tailoring

Manipulating Field, Format, or Analytics settings

### Examples

- Visual choice
- Axis attributes
- Visual Header
- Visual Backgrounds
- Consistency
- Showing variance
- Reducing noise
- Concatenate labels
- Legend alternatives
- Color Choice
- Explanatory titles
- Aspect ratio
- Conditional Formatting

## Activating

Exploiting interactive features or elements

### Examples

- Spotlight
- Focus mode
- Show as table
- Slicers
- Edit Interactions
- Drill Down
- Drill Through
- Tooltips
- Bookmarks + Buttons

## Layering

Stacking objects on top of each other

### Examples

- Annotations
- Shaded areas below charts
- Hiding/Replacing un-editable details
- Outside labeling
- Floating tiles
- Stacked Segmentation

## Engineering

Synthesizing new objects or features

### Non-Modeling Examples

- Small Multiples
- Panel Bar Chart
- Slopegraph
- Pyramid/Tornado
- Histogram
- Dot Plot
- PowerPoint Background Layouts

### Modeling Examples

- Pareto
- Conditional formatting w/ DAX
- Jittering
- Heatgrid (XY)
- Dynamic titles & Alt Text

# Major Visualization Categories

*NOT readily available by default in Power BI*

## Comparison

- Table
- Bar & Column
- Clustered Bar & Column
- *Slopegraph*
- *Dumbbell*

## Trend

- Line
- Column & Stacked Column
- Area & Stacked Area
- Ribbon
- *Small Multiple (Line)*

## Composition

- 100% Stacked Bar & Column
- Pie & Donut
- Treemap
- Decomposition

## Relationship

- Scatterplot
- Bubble
- Key Influencers
- *Heatgrid (XY)*

## Distribution

- *Histogram*
- *Pyramid*
- *Boxplot*
- *WordCloud*

## Spatial

- Map (Dot Density)
- Filled Map (Choropleth)
- *Heatmap*
- *Proportional symbol*

## Flow

- Flow
- Waterfall
- *Sankey*
- *Chord*

## Indication

- Card & Mult-row Card
- KPI
- Gauge