Power BI Visuals

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* Ctrl+Z will undo changes you make to visuals on the Report page in Power BI Desktop

Stacked bar: (Horizontal) show how a larger category is made up of smaller categories
Example: different expenses by month and value

Stacked column: (Vertical) show how a larger category is made up of smaller categories
Example: quarterly sales by region, multiple regions in each "stack"

Clustered bar: (Horizontal) show 2 or more data series in an X and Y axis
Example: quarterly sales grouped in regions by quarter

Clustered column: (Vertical) show 2 or more data series in an X and Y axis
Example: items grouped together by date periods

100% Stacked bar: (Horizontal) show multiple segments relative to 100% total
Example: each "stack" goes up to 100% with multiple items as percentages = 100%

100% Stacked column: (Vertical) show multiple segments relative to 100% total
Example: in each "stack" you see how multiple items add up to 100%

Line: shows changes of one or more items throughout time
Example: revenue by month connecting one month with the next showing gradual change

Area: a line chart with area below shaded in a color by value through time
Example: comparing multiple times with each other by negative to positive values at each point in time

Stacked area: lines filled below and "stacked" on top of each other
Example: to show products by quarter with the larger quarters "stacked" by value aggregate

Line and stacked column: 3 or 4 values using Shared axis, Column series, Column values, Line values
Example: Product by State by COGS by RevenueRank

Line and clustered column: 3 or 4 values. Shared axis – column for vertical axis, Column series – column of for clustered columns, Column values – numeric value for vertical bars, Line values – number for the line
Example: Shared axis – Region, Column series – Product, Column values – Revenue, Line values – Gross margin

Ribbon: show ranking of data

Example: Axis – Product, Legend – Month, Value - Revenue

Waterfall: shows running total of values with positive and negative changes
Example: Category – Month, Breakdown – Product, Y Axis – Revenue Var to Budget

Scatter: shows a relationship between data from bottom left to upper right bubble sizes
Example: Details – Product (bubbles), Legend – Region (comparing), X Axis – Revenue (horizontal axis), Y Axis – Gross Margin (vertical axis), Size – Revenue (bubble size), Play Axis – Date (timeline)

Pie: shows proportions of values between categories of data
Example: Legend – Product, Values - Revenue

Donut: similar to the pie chart, but you can add another variable to show another aspect of data
Example: Legend – Product, Details – Region, Values - Revenue

Treemap: similar to donut, but showing blocks of data
Example: Group – Region, Values – Total Revenue

Map: Values show up as bubbles corresponding to size of values by location
Example: Location – State, Size - Revenue

Filled map: States filled in with varying intensity of color based on size of values
Example: Location – State, Color saturation – Revenue TY

Funnel: Shows the drastic change in values of a category with the top category of 100%, others in values
Example: Group – Region, Values - Revenue

Gauge: shows current values based on a set goal
Example: Value – Revenue, then go to paint roller, gauge axis to set Min, Max and Target

Card: shows values as a number (to show one value at a time)
Example: Fields- put a single value into this spot

Multi-row card: shows many different numbers. This is great to see numbers to check your measures
Example: Fields – put many different measures here to display the values

KPI: shows progress past goal or deficiency in not reaching goal
Example: Indicator – Revenue, Trend axis – Region, Target goals – Revenue SPLY

Slicer: choose from a list of data to change chart or charts
Example: Field – Product, Name, Region, etc.

Table: show columns of data similar to a Pivot Table
Example: Values – Revenue, Region, Qtr

Matrix: show complex comparison of data in Rows and Columns
Example: Rows – Qtr, Columns – Region, Values - Revenue

R script visual: develop custom visuals using Microsoft R Application Network script language
Example: powerful, advanced visuals with customized color saturation

ArcGIS Maps: esri (Environmental Systems Research Institute), smart maps of location intelligence
Example: Mapping data patterns of US demographics with timeline of your data

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ArcGIS Maps for Power BI
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