

Data Source

- relationships

- base data can be connected to other datasets with the same values by setting same fields equal to each other
- fields can be transformed to create desired fields (e.g. concatenating 2 fields to become 1 field)
- can specify relationships depending on placement of data table
- unions are only possible if data tables are similar in its type
- joins allow data tables to include & exclude specific values by creating a new set

- Create Calculated Field

- transforms (e.g. using operators)
- fields using multiple tables will appear at the bottom

- New separate databases

- connect new datasource

- labels on graph

- drag measure to show onto marks' "label"

- breakdown (stacked bar chart)

- drag subcategories to color

- pie chart

- drag category to color & measure to angle
- labels
 - > drag measure to label & right click to change to percentage via "quick table conversion"

- line chart

- measure in row
- date in columns
- discrete creates groupings ; continuous creates a scale
 - > (e.g. discrete quarter view will add up all Q1s, Q2s, Q3s, Q4s together in every year)

- Filter

- on any sheet, select filter then the desired filter category
- to apply filter for other sheets, select apply to other worksheets on the current filter