## The "So You Want Bars and Lines on the Same Tableau Chart?" Flowchart Works with Tableau versions 7 and 8 Axis 2 units Placement on Unit(s) and or ranges. Axes Range(s) e.g. \$ and % Bars and Lines on Both Axes **Custom Query** A Lot of Reshaping 1 unit/range Bars on one axis. BYO (Build Your Own) Lines for both Lines on the other Worksheet 9 Bars and Lines Bar Type Grouped **Custom Query** & Grouped Bar Value **Moderate Reshaping** Stacked Bars - query per measure Source Measures Lines - single query and use Single/ Stacked Measure Values, or query per Measures measure Small Worksheets 8a and b Difference Line Value **Axis Ranges** Discrete Large Source Difference, e.g. \$2K+ and % **Dual Measure Values** Worksheet 4 Bar Type Discrete Bar Type Grouped Single/ Bars via Measure Values & Grouped Stacked Lines via Discrete Stacked Single/ Worksheet 3 Stacked Grouped & Grouped Stacked **Custom Query Moderate Reshaping** Line Value Bars - query per measure Line Value Source Lines - single query Source Worksheet 7 Measures Custom Query Minor Reshaping -Discrete Measures **Duplicating Data** Bars using Grouped Bars KB Discrete Article Lines via Measure Values Bars via Discrete Worksheet 6 Lines via Discrete Worksheet 1 **Custom Query** Minor Reshaping -**Duplicating Data** Bars using Grouped Bars KB Bars via Discrete Article Jonathan Drummey Lines via Measure Values Lines via Discrete drawingwithnumbers.artisart.org/ Worksheet 2 Worksheet 5 bars-and-lines



Is there just one set of units and range used for both bars and lines, or are there two units/ranges? For an example of two units, the bars could have be in \$\$ units and the lines %. As an example of two ranges, the bars could be small values of \$\$ and the lines the total \$\$.



Are all bars the same unit/range, or do you mix and match the units/ranges for bars and/or lines? For example, are all the bars \$\$ and all the lines %, or are there some bars that are \$\$ and some %, and some lines that are \$ and some %? If you are mixing and matching, this is the most complicated case, both in terms of creating the chart and reading it.



Is the source of the values of the bars from the discrete dimensions of a measure (or a separate discrete measure applied to a measure) such as Sales broken down by Territory, or is each bar a totally different measure such as Sales and Profit?



Is each bar a single bar or stacked bar, or are you grouping or creating grouped stacked bars? Grouped bars require a different approach in Tableau.



Is the source of the values of the lines from the discrete dimensions of a measure (or a separate discrete measure applied to a measure) such as Sales broken down by Territory, or is each line a totally different measure such as Sales and Profit?



Is there a large difference between the two axes, like one axis is % and the other has values of \$2500 or more? If so, there's a workaround can be done totally in Tableau, otherwise some reshaping of the data is necessary.

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