HackAZ Data Visualization Workshop Vega-Lite Summary

See https://vega.github.io/ for full documentation

```
Types of values
quantitative, ordinal, nominal, temporal
Subset of Available Marks
area, bar, circle, line, point, rule, square tick, rect, text,
geoshape, boxplot, errorbar, errorband
Subset of Available Channels
x, y, x2, y2, color, opacity, size, shape, fillOpacity,
strokeOpacity, strokeWidth, text, tooltip, href, xError, yError,
xError2, yError2
Subset of Available Aggregation Functions
count, sum, mean, average, median, variance, stdev, stderr, min,
max, valid, missing, distinct
Vega-Lite Specification Example
     "data": name of variable or data file,
     "mark": "point",
     "title": "title for chart",
     "encoding": {
           "x": {
                "field": "column name or key name",
                "type": "quantitative",
                "aggregate": "mean",
                "axis": { "title": "my custom axis label" }
           "color": {
                "field": "other key name",
                "type": "ordinal",
                "scale": {
                     "range": [ 'white', 'blue' ]
           }
     }
}
Adding a Tooltip to a Mark
"mark": { "type": "point", "tooltip": { "content": "data" } }
Histograms - Add "bin": true to encoding
```