Interactive Data Visualization for the Web Chapter 7 Notes

Scales

Functions that map an input domain to an output range

Scales are decoupled from the visual representation

Input;Domain => Output;Range

Normalization: range is 0-1

```
1  let myScale = d3.scaleLinear()
2    .domain([min, max])
3    .range([min, max])
4
5  myScale(input) // = scaled output
```

```
1  d3.min(dataset, (data){ return data })
2  d3.max(dataset, (data){ return data })
```

These run the input data through the given mapping function and uses the return values to determine min and max