Data processing

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Week 3 - questions

- select and selectAll allow you to select the first or the set of a specified element respectively.

- parameters: data and index

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```
        d3 . select ("body") . append (" div ")
            . attr (" class ", "barChart1")

        d3 . select ("body") . append (" svg : svg ") .
            attr (" class ", "barChart2") .
            attr (" width ", 400) .
            attr (" height ", 400);
```

- "selectAll + data + enter + append" first makes a selection of all specified elements, then adds an element for every entry in the data that is not already in the selection.

- HTML is limited to rectangular shapes, while SVG can draw many different shapes.

- First we want to append an SVG canvas to the body of the html. To the SVG we append a bar for every data point in the data. We also append the axes to the svg chart.