









## Input Domain



0px                      170px                      330px



## Output Range

that map from an

output range,

“Sales are functions



input domain to an

```
{  
  inputArray.map((i, index) => (  
    <circle  
      cx={xScale(i)}  
      cy="50"  
      r={RADIUS}  
      fill="black"  
    />  
  ))  
}
```

## Input Domain



### Output Range

```
const inputArray = [0, 250, 500];
```

```
const [min, max] = d3.extent(inputArray);  
// outputs: [0, 500]
```

```
const xScale = d3.scaleLinear()  
  .domain([min, max])  
  .range([minInPixels, maxInPixels]);
```

```
{  
  inputArray.map((i, index) => (  
    <circle  
      cx={xScale(i)}  
      cy="50"  
      r={RADIUS}  
      fill="black"  
    />  
  ))  
}
```