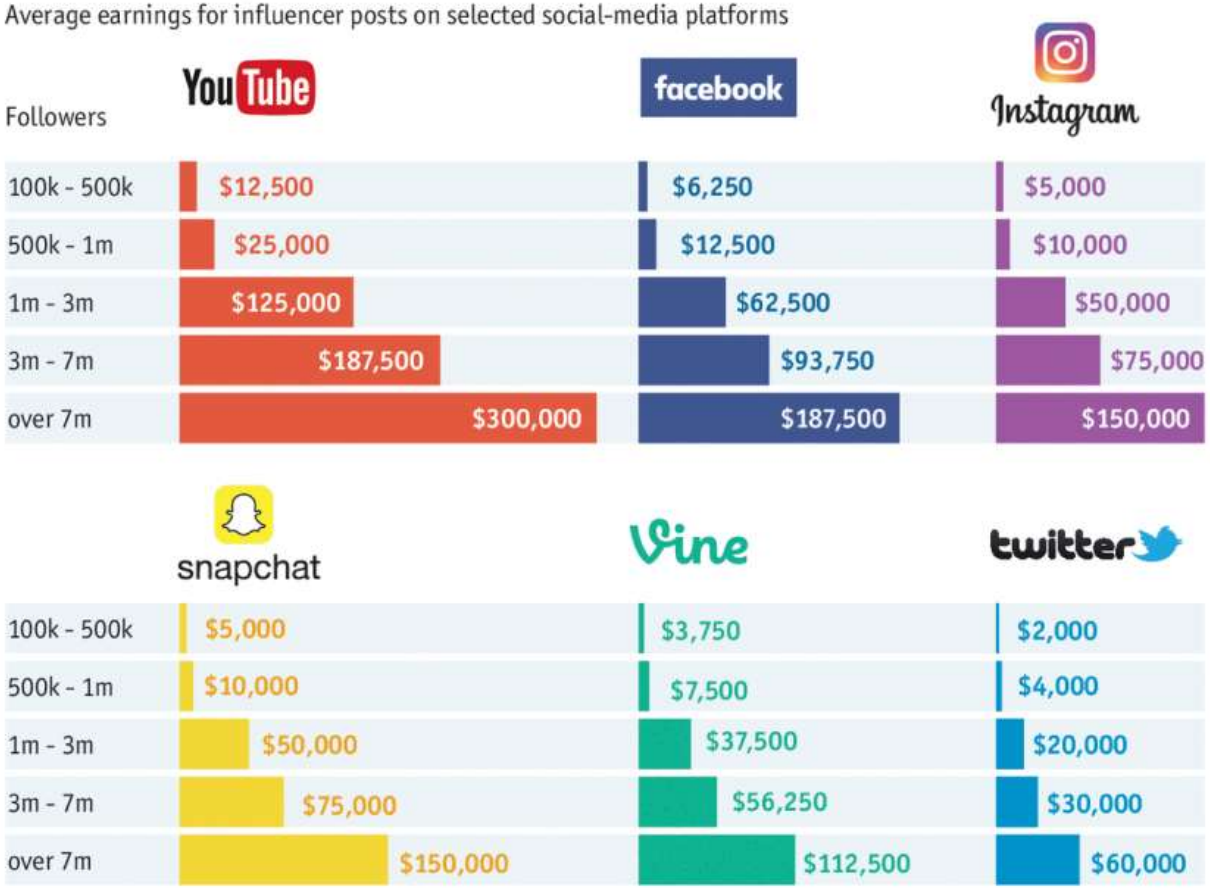
D3 Basics

Sebastien Perez Vasseur

Follow the money

Average earnings for influencer posts on selected social-media platforms



Source: Captiv8

Economist.com https://www.economist.com/blogs/graphicdetail/2016/10/daily-chart-9

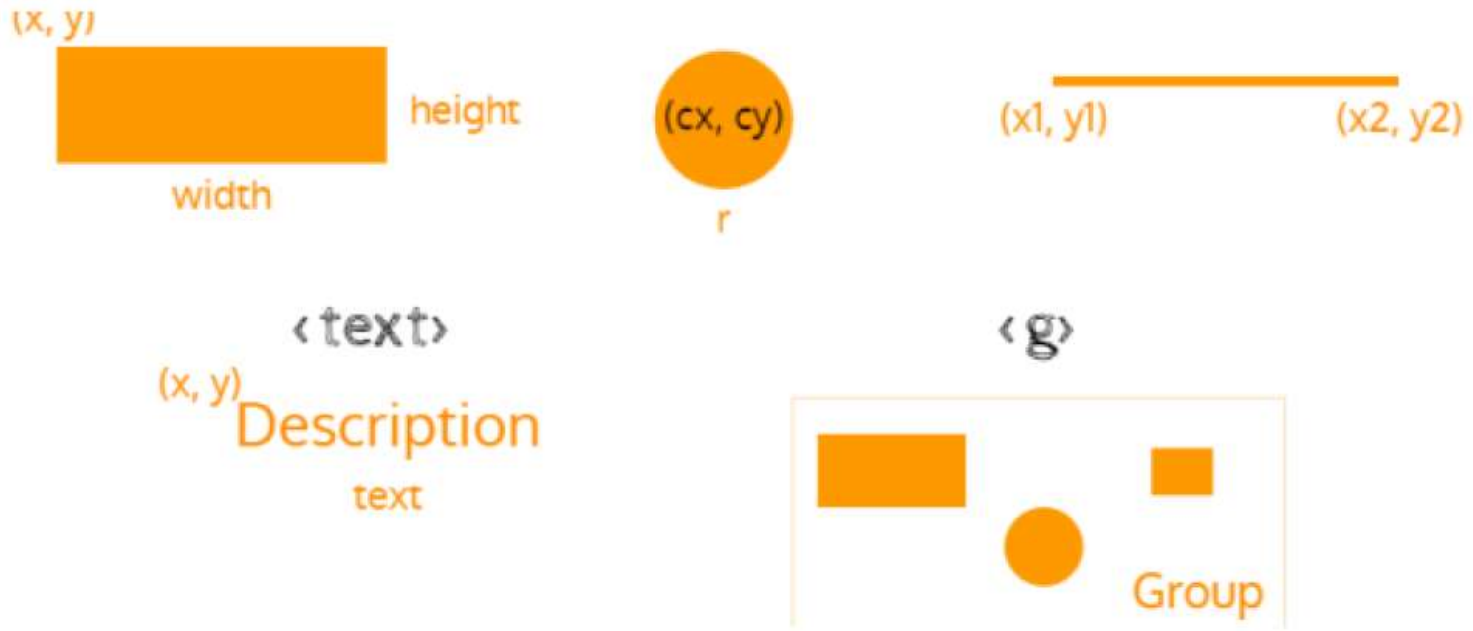
followers	value
100k-500k	12500
500k-1m	25000
1m-3m	125000
3m-7m	187500
over 7m	300000

followers	value
100k-500k	12500
500k-1m	25000
1m-3m	125000
3m-7m	187500
over 7m	300000

```
const data = [
  { "followers": "100k-500k", "value": "12500" },
  { "followers": "500k-1m", "value": "25000" },
  { "followers": "1m-3m", "value": "125000" },
  { "followers": "3m-7m", "value": "187500" },
  { "followers": "over 7m", "value": "300000" }
];
```

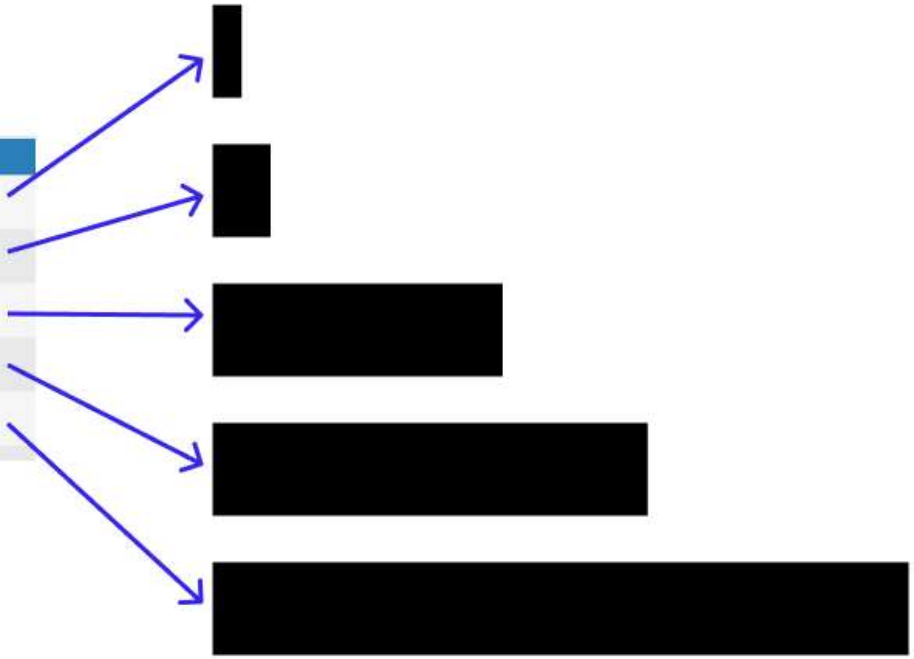
```
const data = [
  { "followers": "100k-500k", "value": "12500" },
  { "followers": "500k-1m", "value": "25000" },
  { "followers": "1m-3m", "value": "125000" },
  { "followers": "3m-7m", "value": "187500" },
  { "followers": "over 7m", "value": "300000" }
];
```

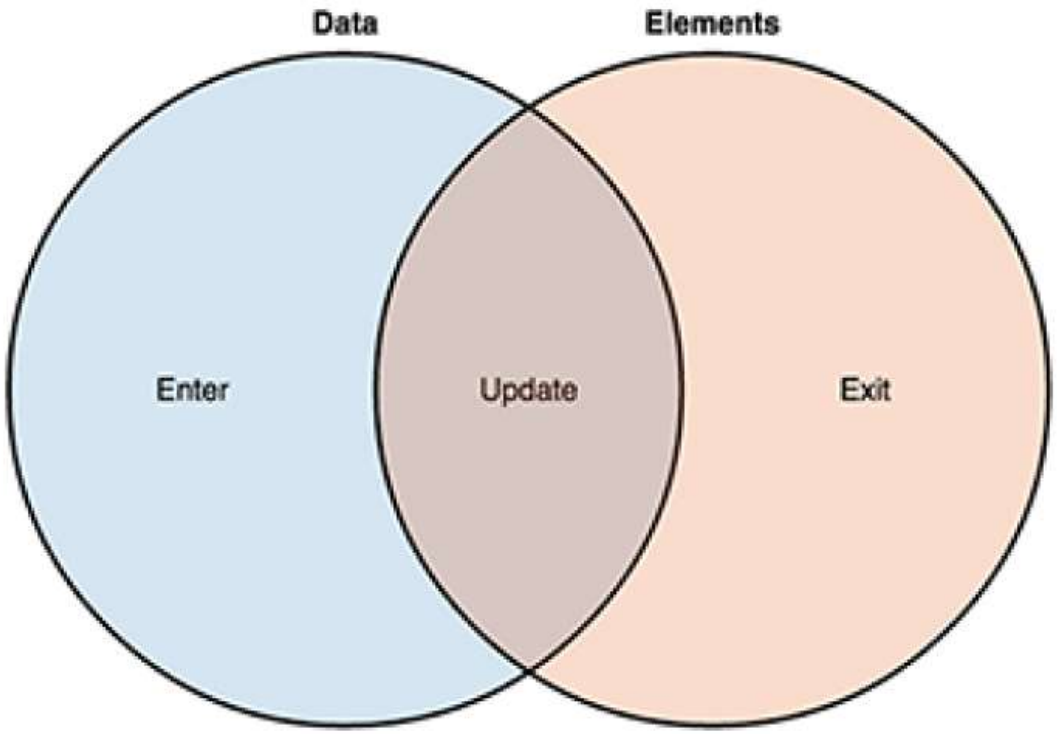
margin
margin
height
width

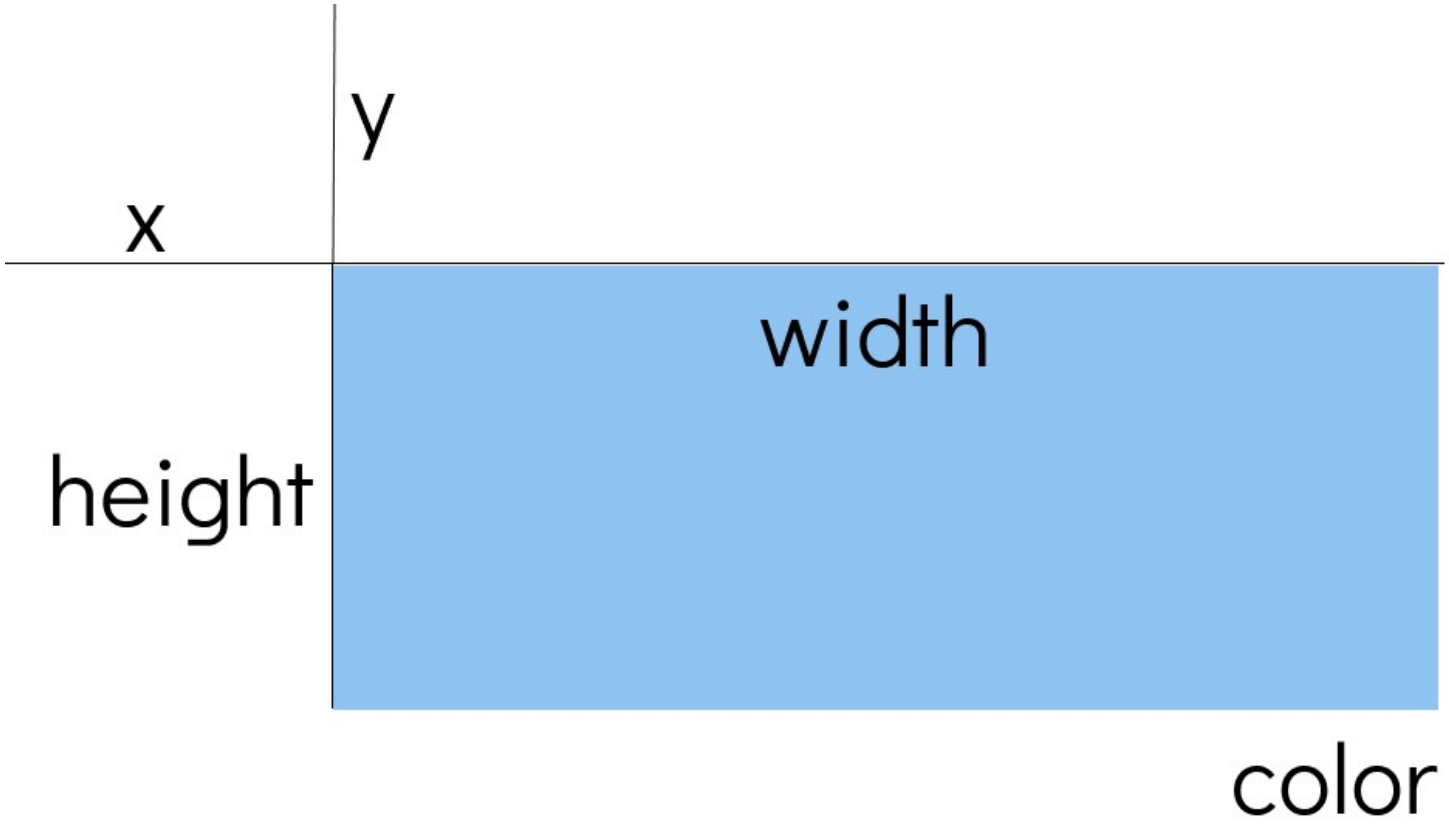

(x, y)
height
width
(cx, cy)
r
(x1, y1)
(x2, y2)
‹text›
(x, y)
Description
text
‹g›
Group

http://editor.method.ac

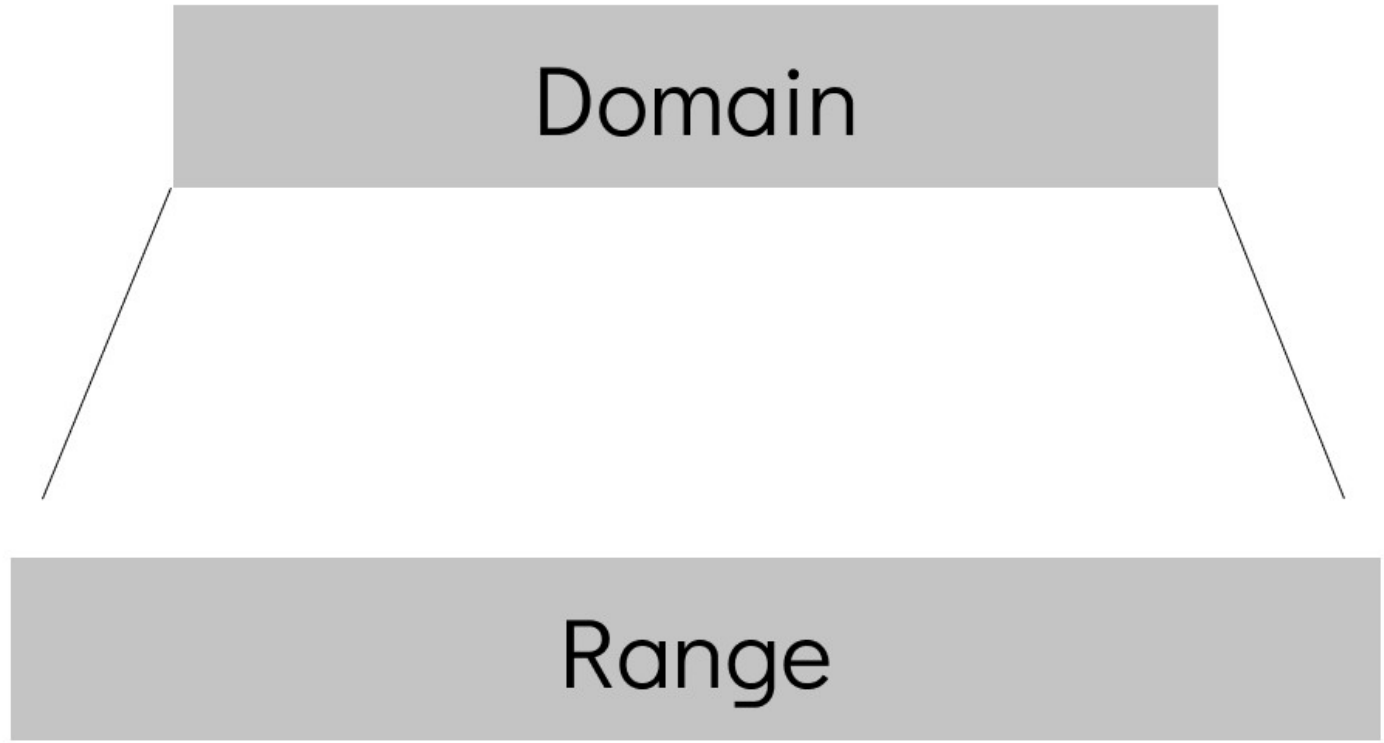
followers	value
100k-500k	12500
500k-1m	25000
1m-3m	125000
3m-7m	187500
over 7m	300000



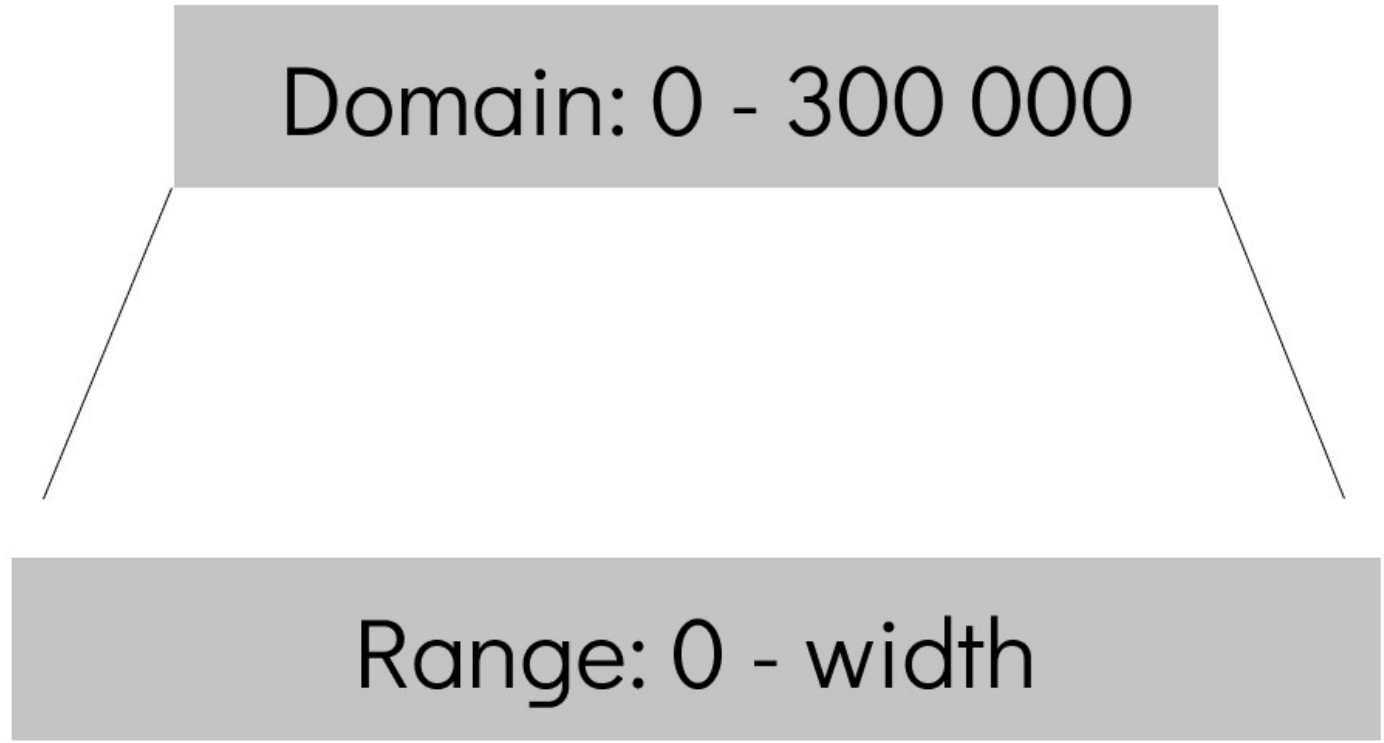

Data
Elements
Enter
Update
Exit


y
x
width
height
color

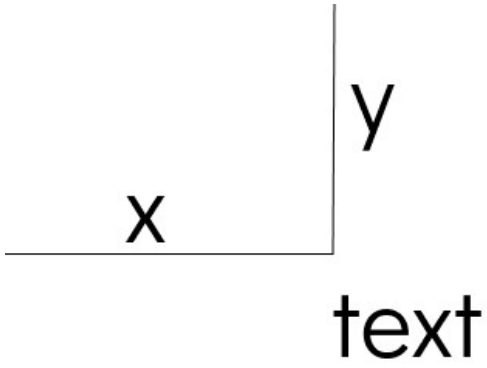
y:f(data.index)
x: 20px
width: f(data.value)
height:
50px
color: lightblue


Domain
Range

data.value



data.index


y
x
text

x: 20px

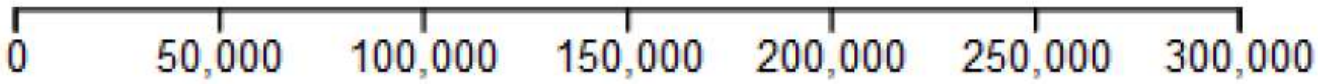
y: f(data.index)

text: data.followers

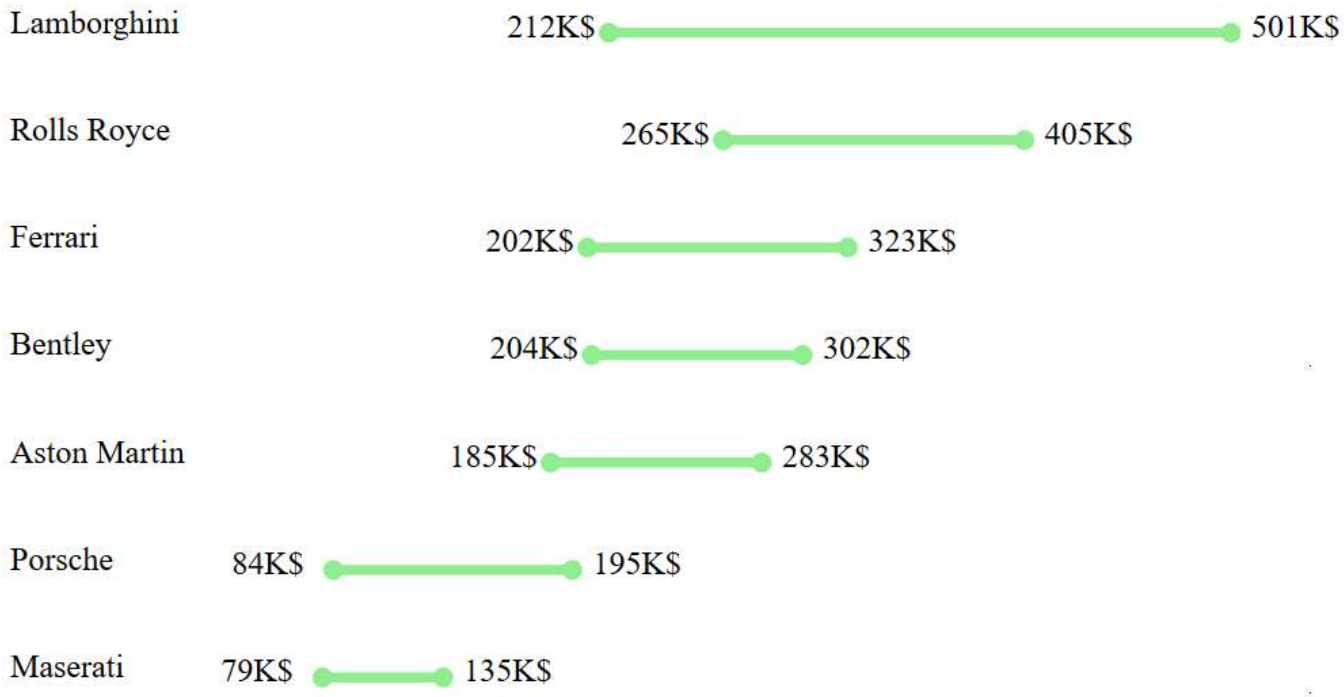
x: f(data.price)

y: f(data.index)

text: data.price


0
50,000
100,000
150,000
200,000
250,000
300,000

```
var axisX = d3.axisBottom(scaleX).ticks(5);

chart.append("g")
  .attr("transform", `translate(0,${height})`)
  .call(axisX);
```

```
const data = {
 cars: [
  {
   brand: "Lamborghini",
   min_price: 212,
   max_price: 501
  },
  {
   brand: "Rolls  Royce",
   min_price: 265,
   max_price: 405
  },
  {
   brand: "Ferrari",
   min_price: 202,
   max_price: 323
  },
  {
   brand: "Bentley",
   min_price: 204,
   max_price: 302
  },
  {
   brand: "Aston  Martin",
   min_price: 185,
   max_price: 283
  },
  {
   brand: "Porsche",
   min_price: 84,
   max_price: 195
  },
```