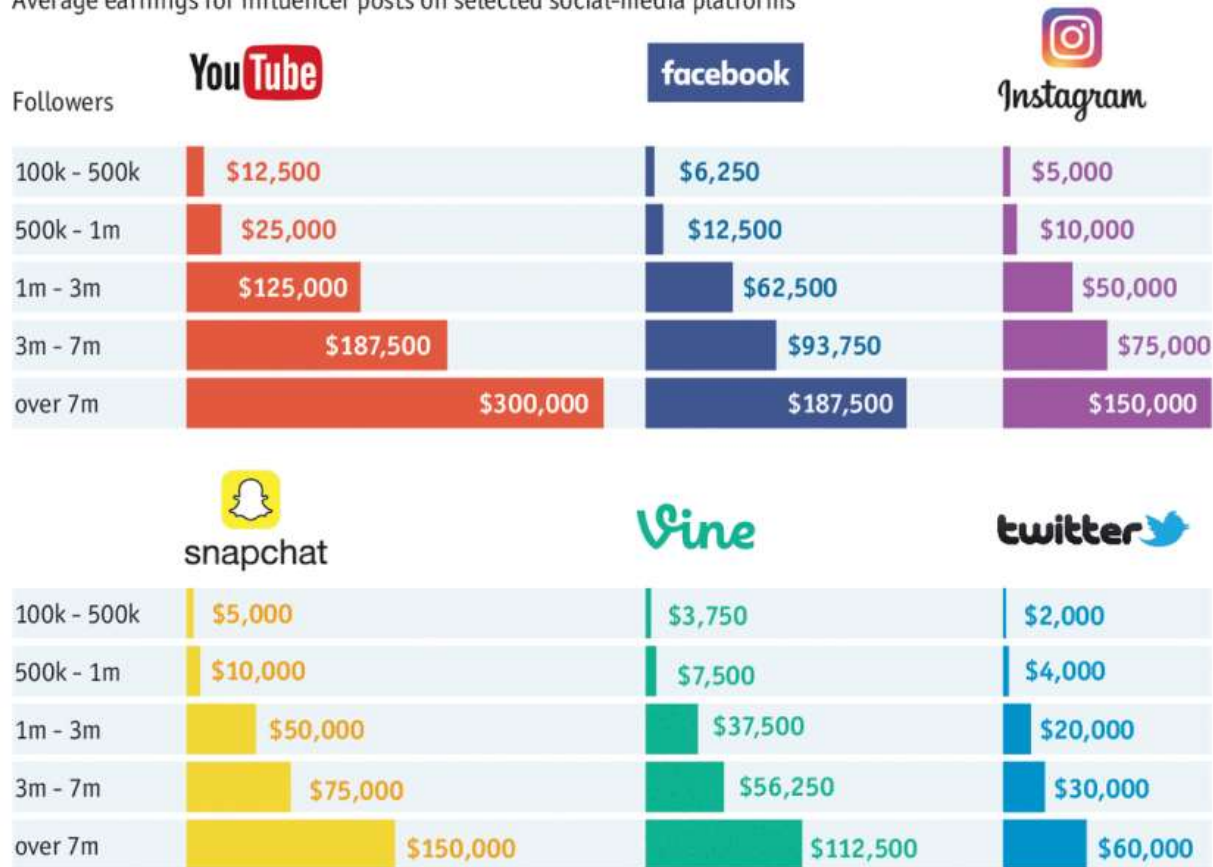


# D3 Basics

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" }  
];
```

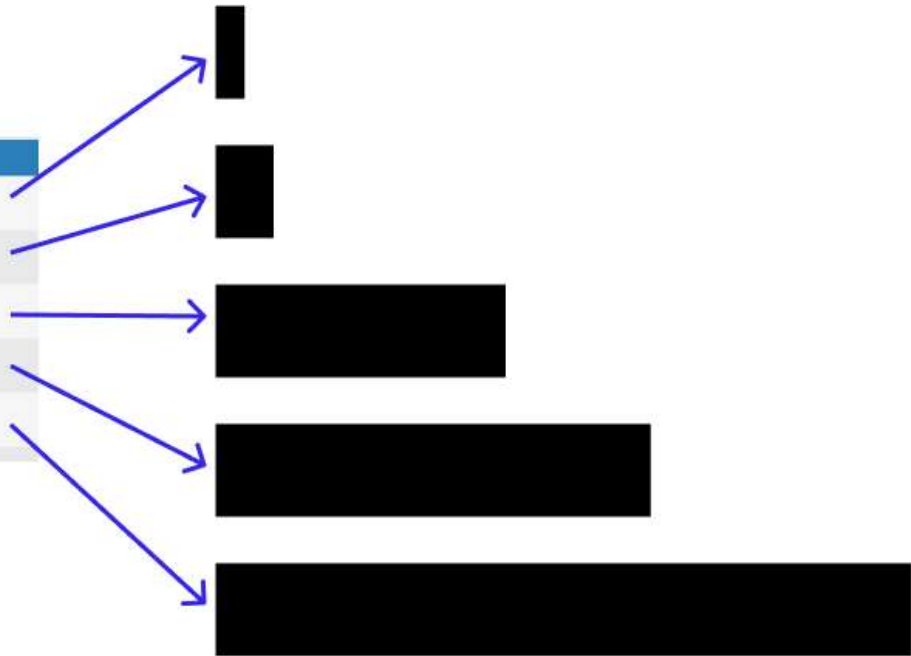


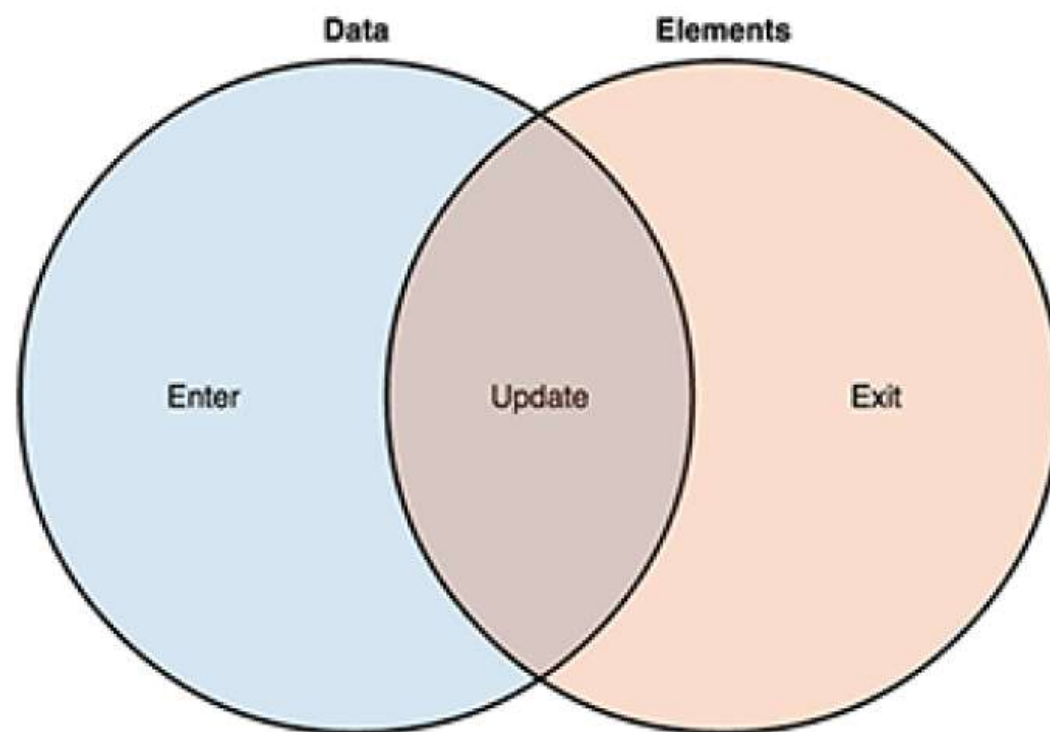


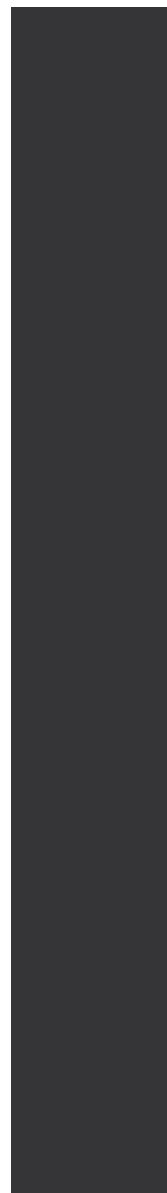
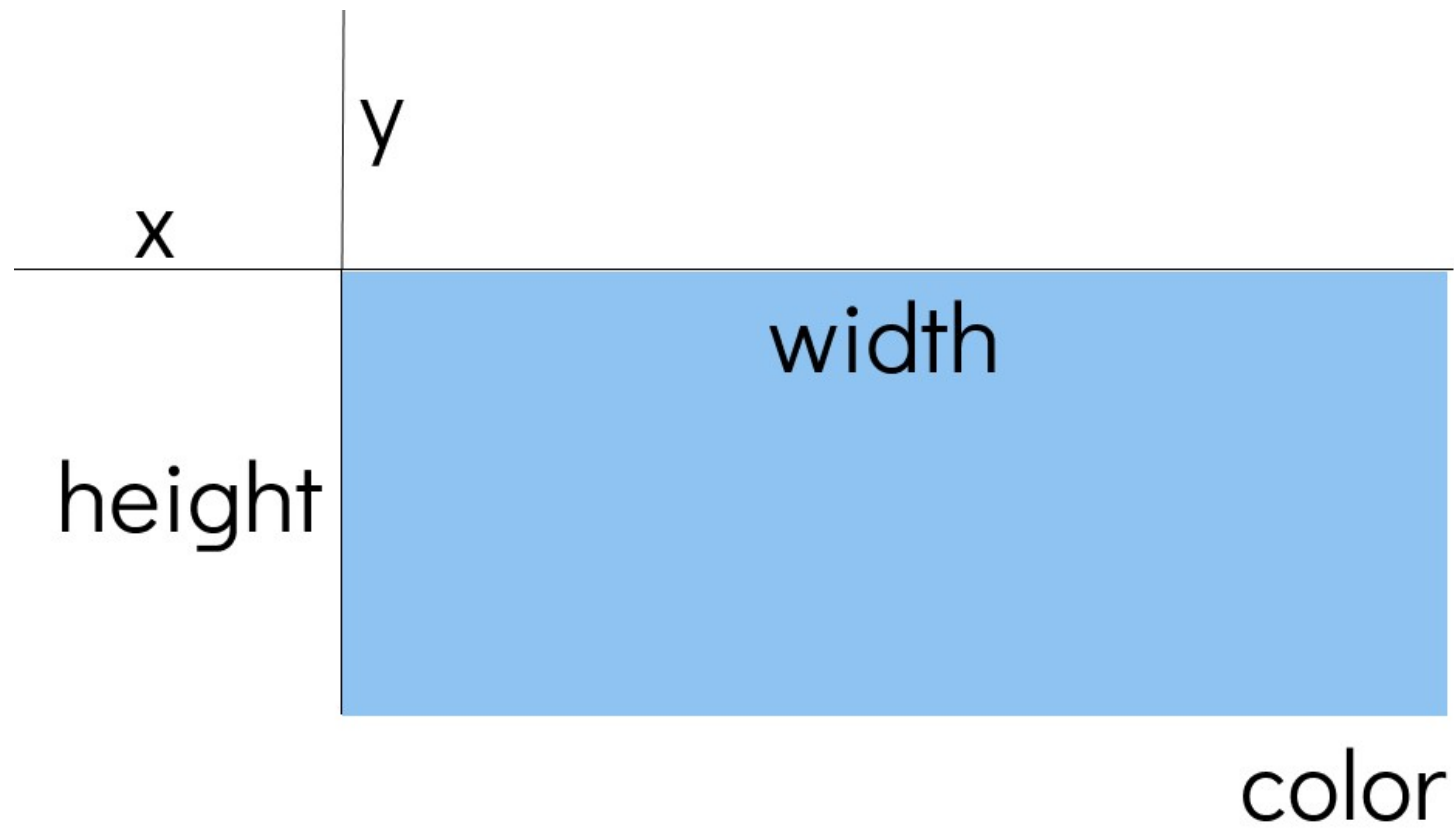
<http://editor.method.ac>



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











A diagram illustrating a mapping from a domain to a range. It consists of two gray rectangular boxes. The top box is labeled "Domain" and the bottom box is labeled "Range". Two thin black lines connect the bottom corners of the "Domain" box to the top corners of the "Range" box, forming a trapezoidal shape. To the right of the diagram is a solid dark gray vertical bar.

Domain

Range

data.value

Domain: 0 - 300 000

The diagram consists of two gray rectangular boxes. The top box contains the text 'Domain: 0 - 300 000'. The bottom box contains the text 'Range: 0 - width'. Two thin black lines connect the bottom corners of the top box to the top corners of the bottom box, forming a trapezoidal shape that suggests a mapping or transformation from the domain to the range.

Range: 0 - width

data.index

Domain: 0 - data.length



The diagram consists of two gray rectangular boxes. The top box contains the text 'Domain: 0 - data.length'. The bottom box contains the text 'Range: 0 - height'. Two thin black lines connect the bottom corners of the top box to the top corners of the bottom box, forming a trapezoidal shape.

Range: 0 - height

x  
y  
text



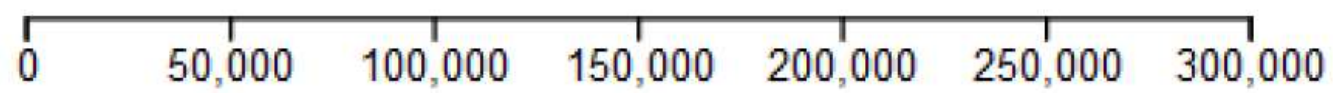


x: 20px | y: f(data.index)  
text: data.followers

x: f(data.price)

y: f(data.index)

text: data.price



```
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
    },
    {
      brand: "Maserati",
      min_price: 79,
      max_price: 135
    }
  ]
}
```

