

Introduction To D3





Data-Driven Documents

JavaScript library

Methods to transform data

Methods to draw on web pages

Import D3

```
<script src="d3.js">  
</script>
```



<https://d3js.org/d3.v4.min.js>

Visualization Steps

1) Transform
data

2) Map data to
image space

3) Compute
layout

4) Draw the
chart

D3 APIs

1) Transform Data

`d3.cross`, `d3.max`

2) Map Data to Image Space

`d3.scaleLinear`, `d3.scaleTime`

D3 APIs

3) Compute Layouts and Paths

`d3.path`, `d3.treemap`

4) Draw the chart

`d3.select`, `d3.append`

