

Build Your First Data Visualization with Chart.js

VISUALIZING DATA WITH CHART.JS



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Module Overview



Introduction to <canvas>

Drawing a first chart

Fetching data from an API

Exploring chart types

Updating charts





Chart.js is an open source
JavaScript library that lets
us draw data visualizations
on <canvas>



Chart.js Bundle



[https://chartjsapi.azurewebsites.net
/branch/revenues](https://chartjsapi.azurewebsites.net/branch/revenues)

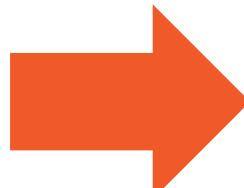


Getting Started with ES2017/ES8



API Data Conversion

```
[  
  {  
    branch: "Seattle",  
    revenue2020: 23233,  
    revenue2019: 20222,  
    revenue2018: 18322  
  },  
  {  
    branch: "Portland",  
    revenue2020: 14243,  
    revenue2019: 21345,  
    revenue2018: 11334  
  }  
]
```



["Seattle", "Portland"]

[23233, 14243]

[20222, 21345]

[18322, 11334]



Summary



Chart.js is a versatile JavaScript library to draw charts on <canvas>

It supports multiple data sets

And multiple chart types

The datasets of a chart can be changed after it is drawn

