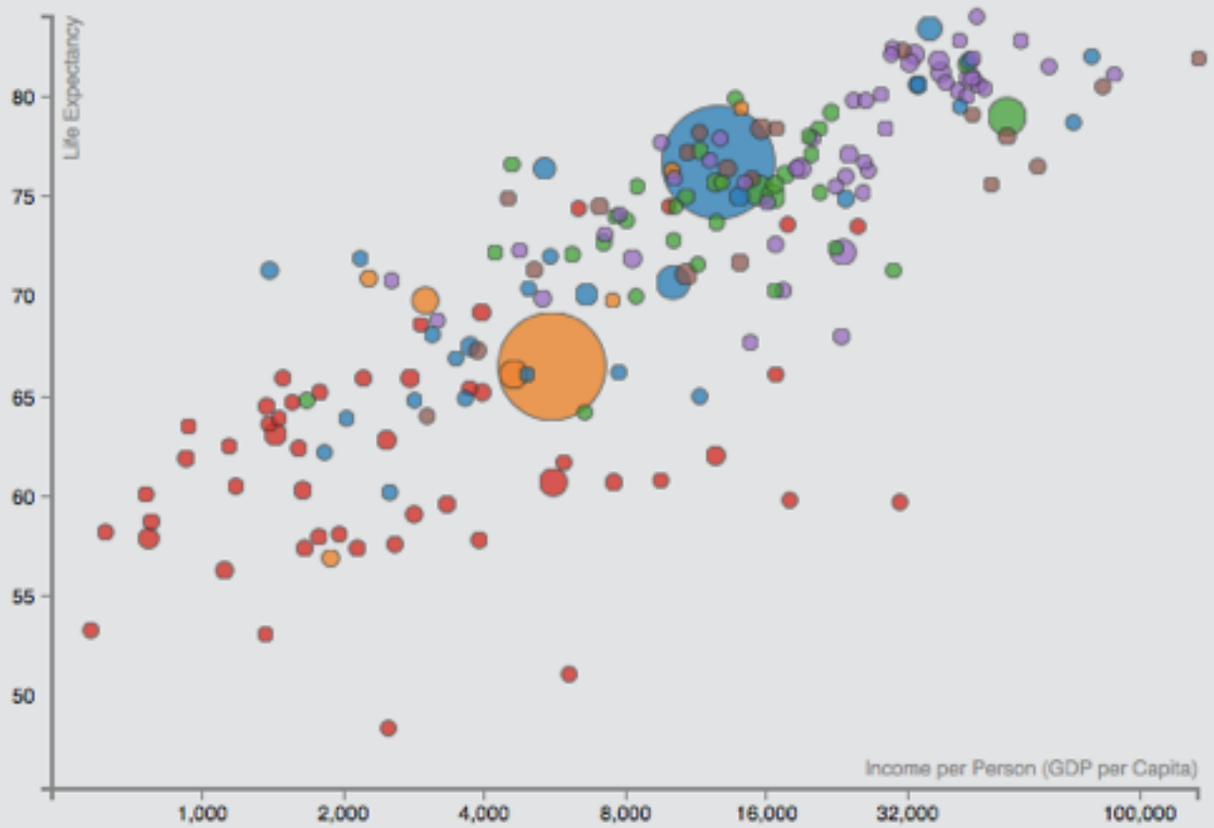
Lab 4

Scales and Axes in D3

localhost

Wealth & Health of Nations

Inspired by Hans Rosling's Gapminder



Source: http://www.gapminder.org/data

labs.vocareum.com

vocareum

My Classes Help student@cs171.org

Harvard COMPSCI 171 / HW 4

Submit Instructions Actions

Delete

work/lab/index.html

work Submit needed

hw

lab

css

data

index.html

js

lecture

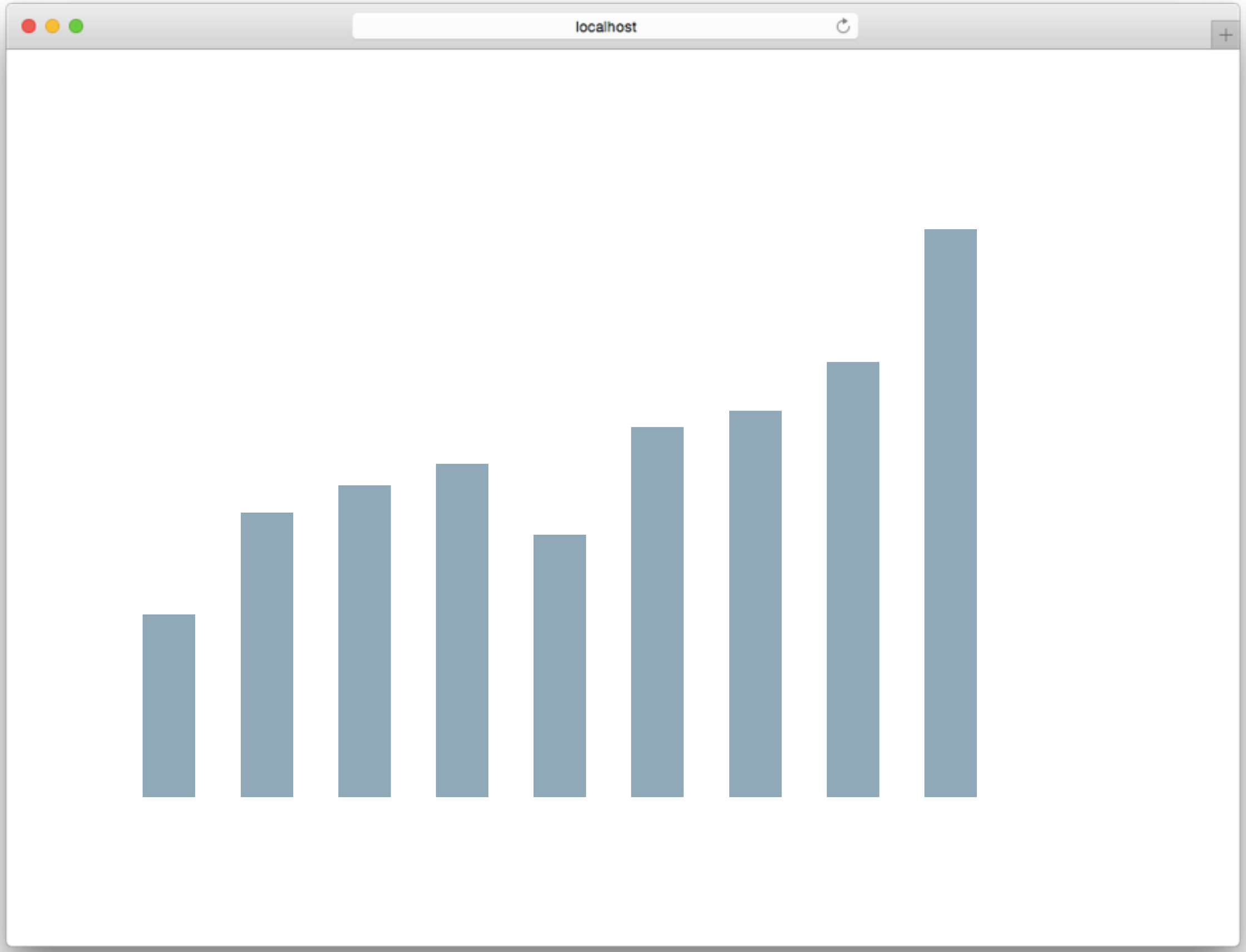
LatestSubmission

File: work/lab/index.html View

Auto Save: On

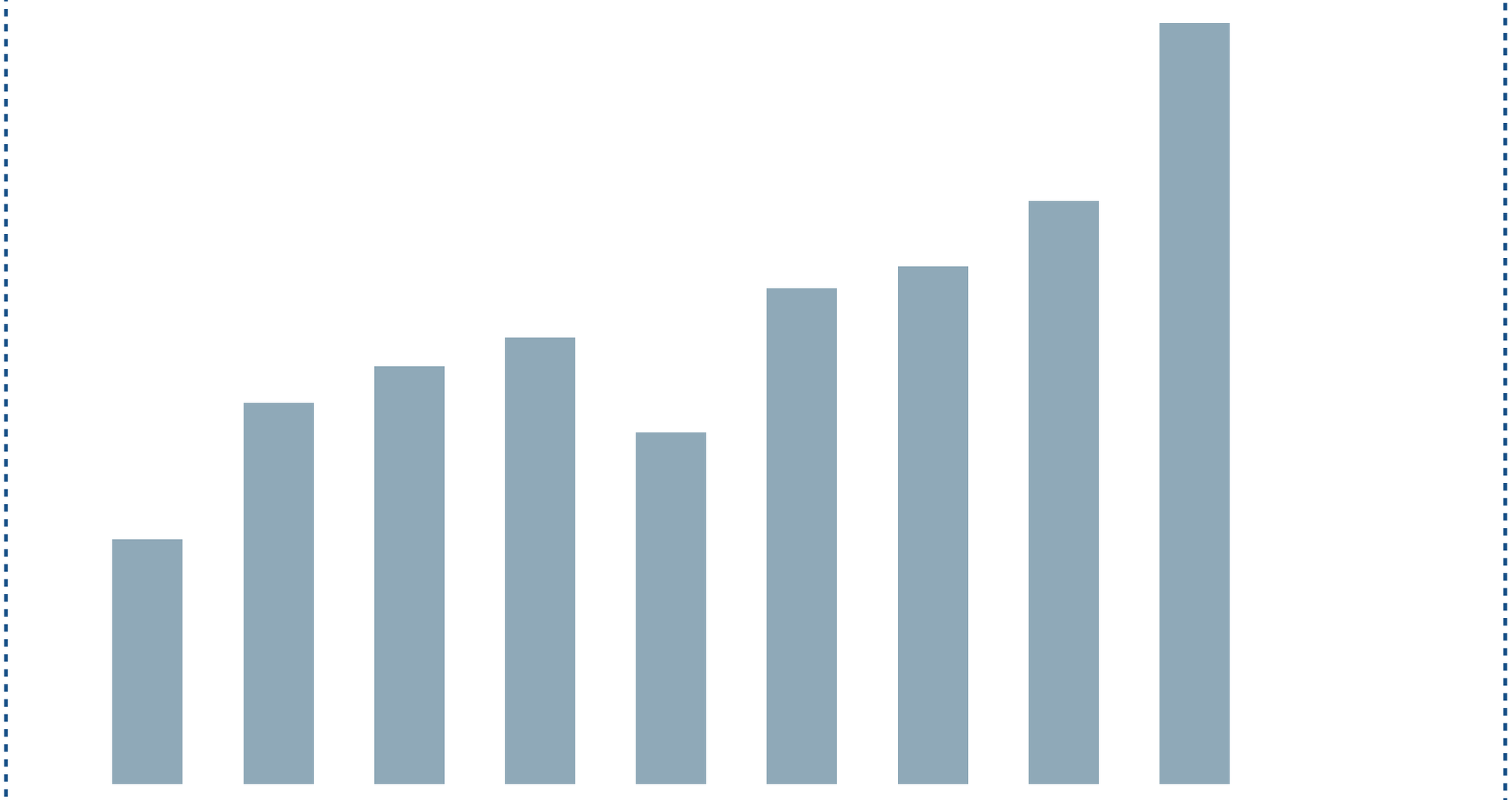
```
<!doctype html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="description" content="">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>CS171 - Health &amp; Wealth of Nations</title>

    <!-- Load CSS files -->
    <link rel="stylesheet" href="css/bootstrap.min.css">
    <link rel="stylesheet" href="css/style.css">
</head>
<body>

    <div class="container">

        <h1>Wealth &amp; Health of Nations</h1>

        <!-- Parent container for the scatterplot -->
        <div id="chart-area"></div>

    </div>
```

Console output will be displayed here


localhost

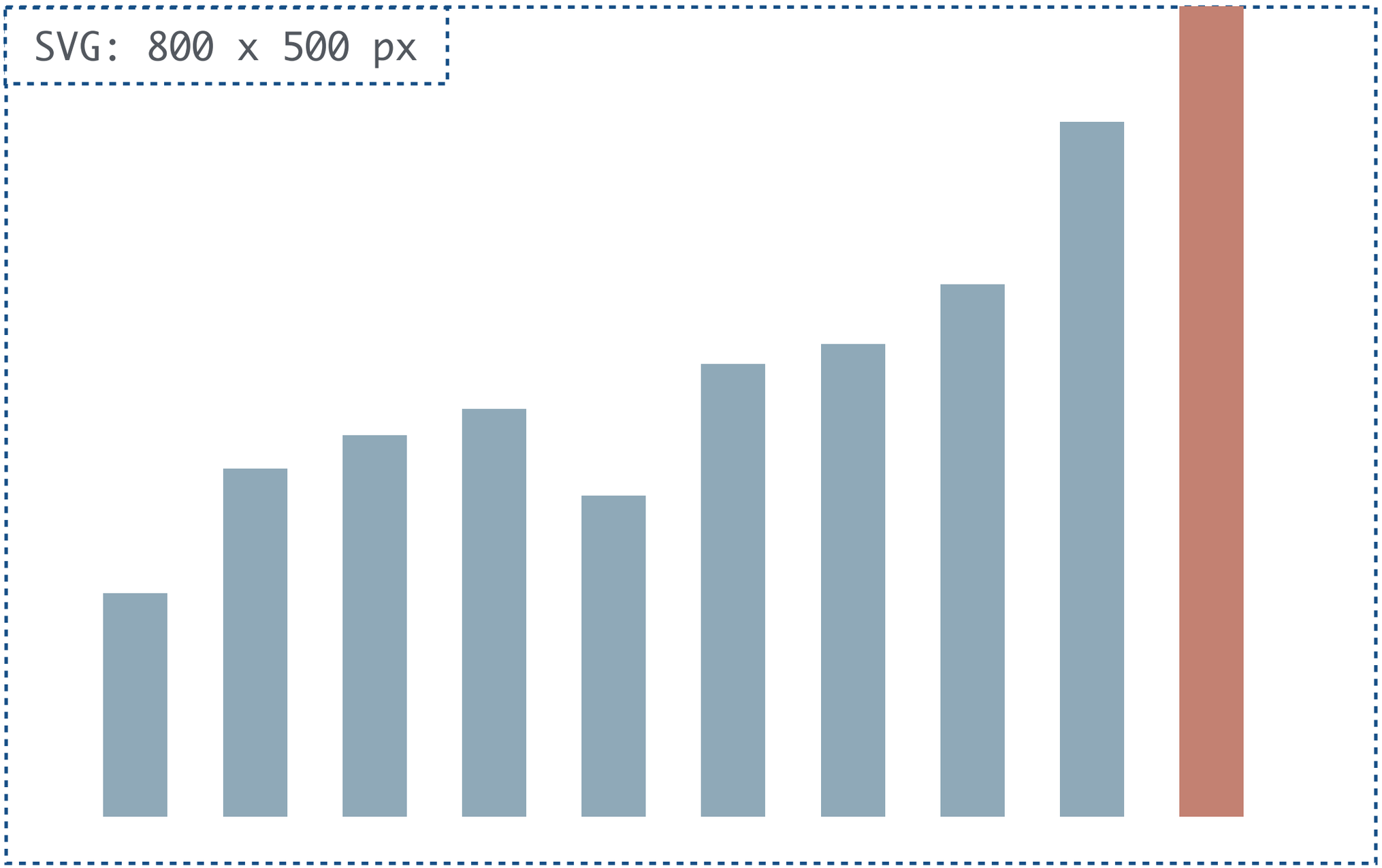
localhost

SVG: 800 x 500 px



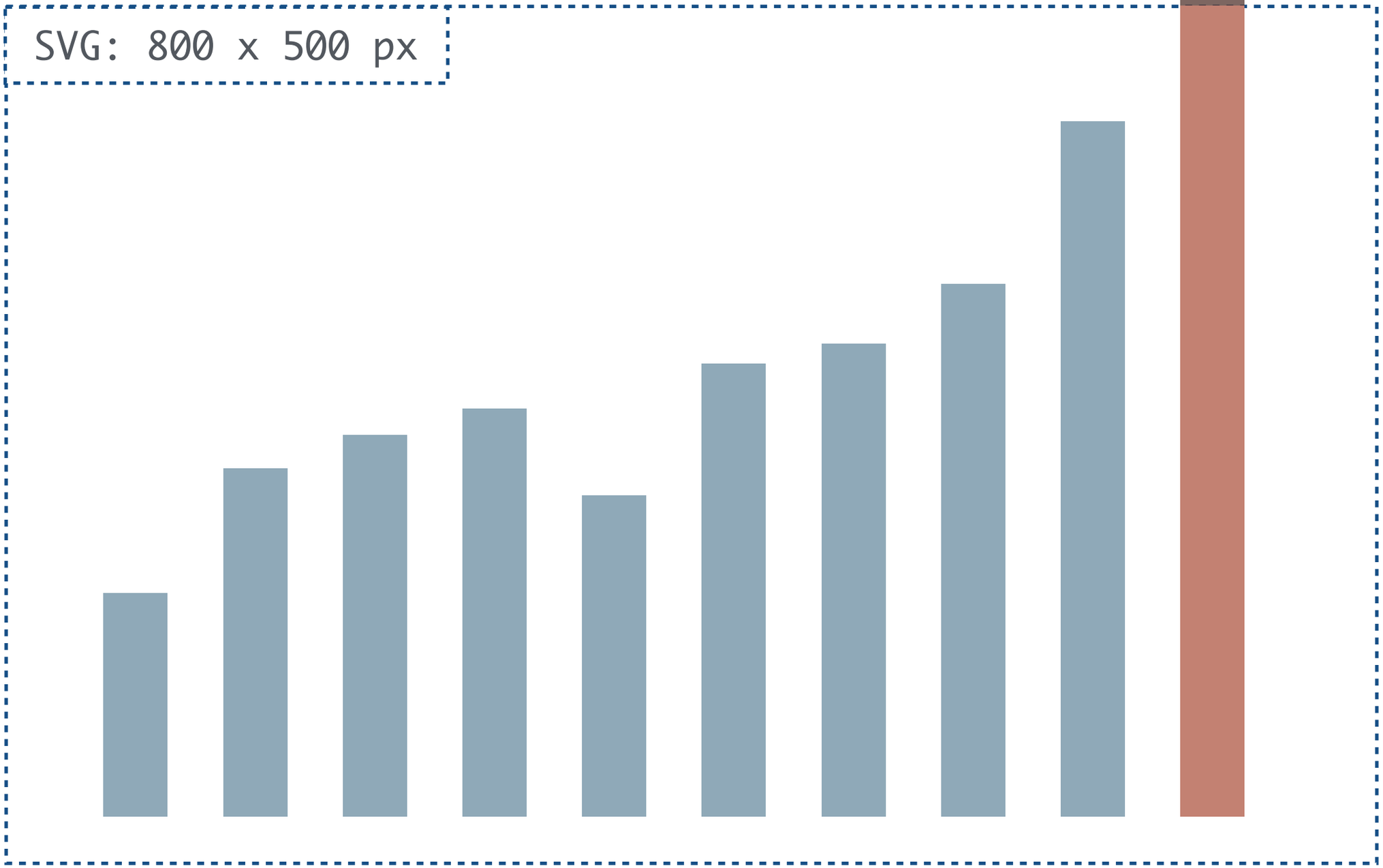
localhost

SVG: 800 x 500 px



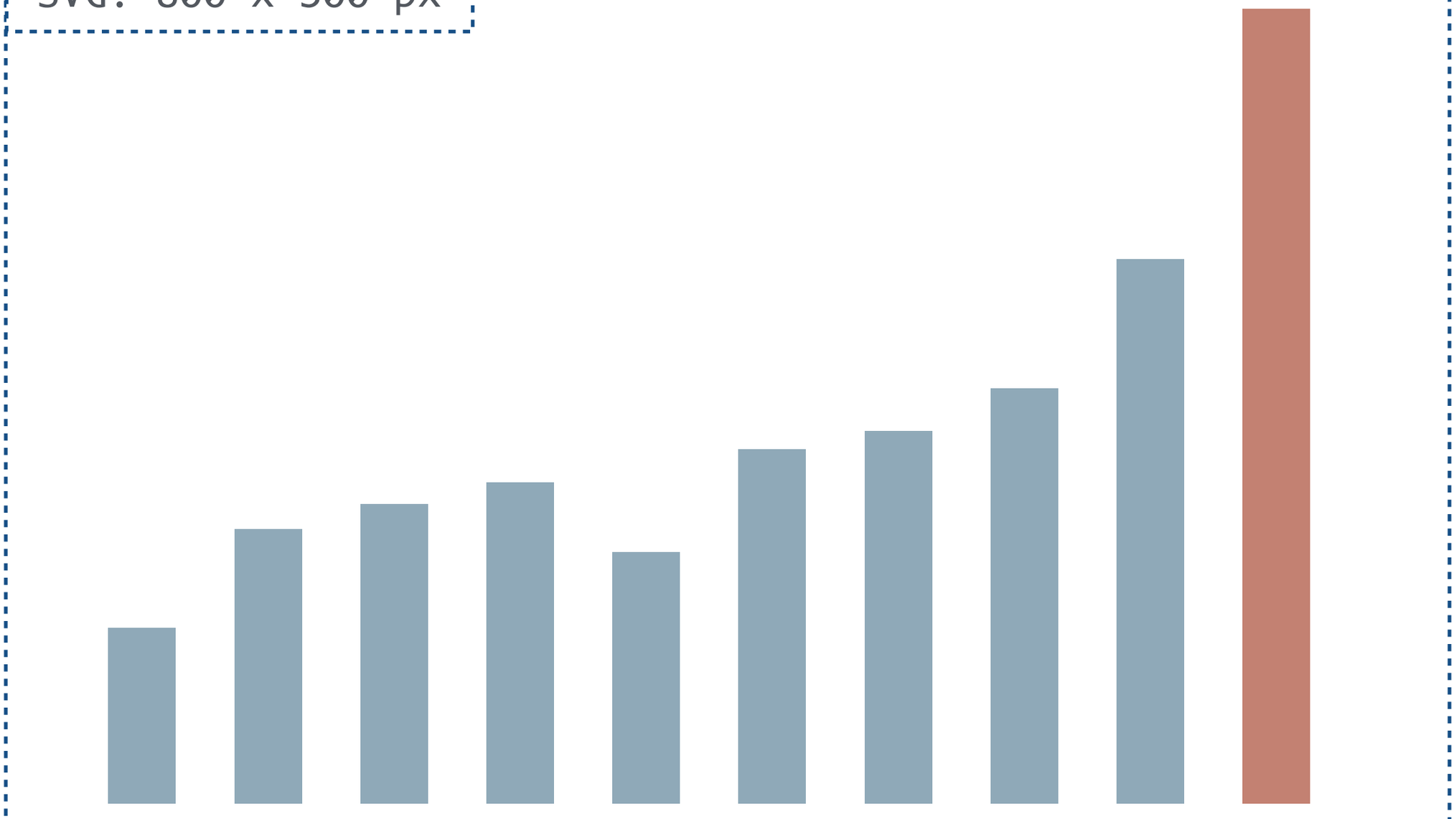
localhost

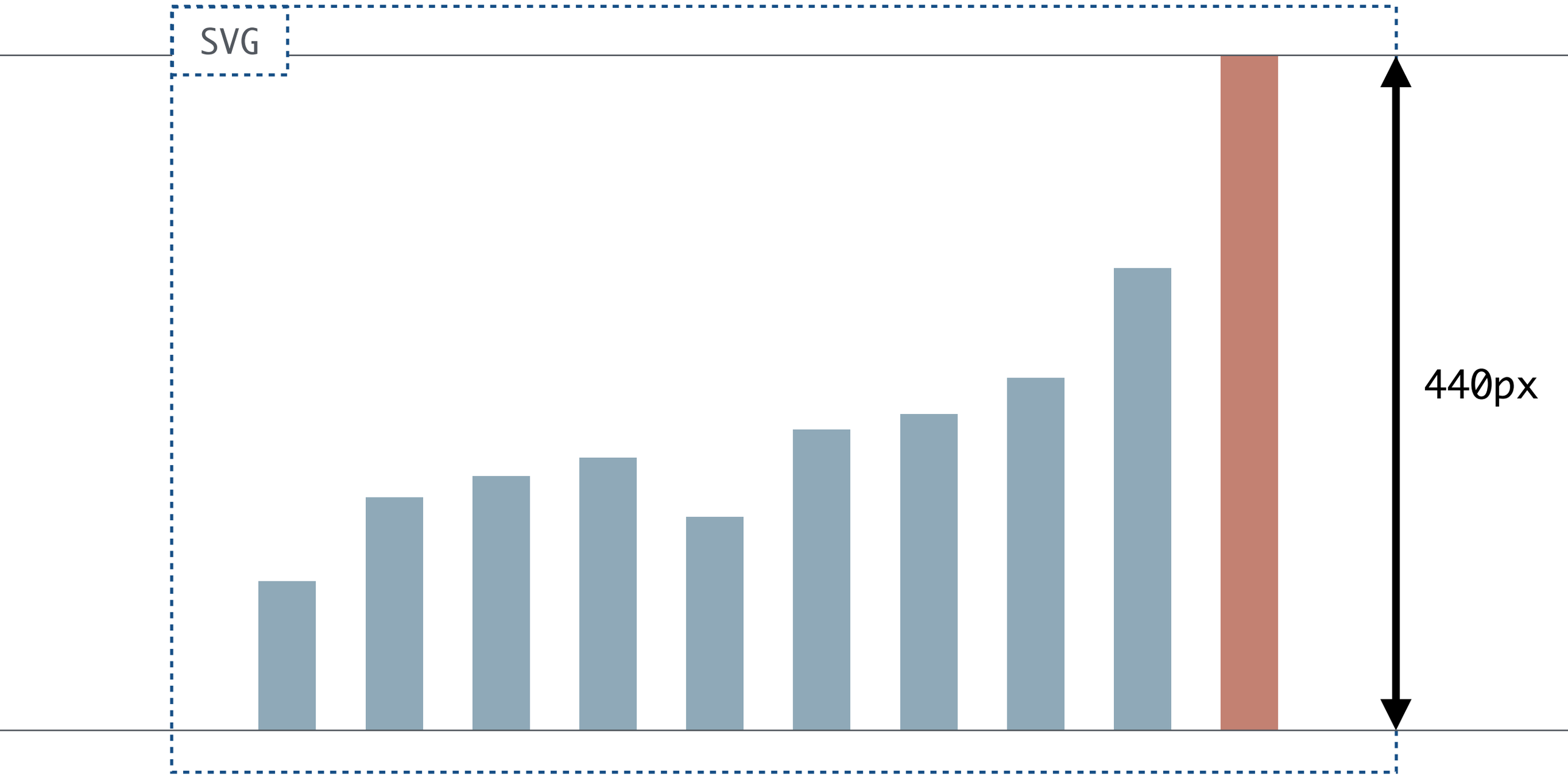
SVG: 800 x 500 px

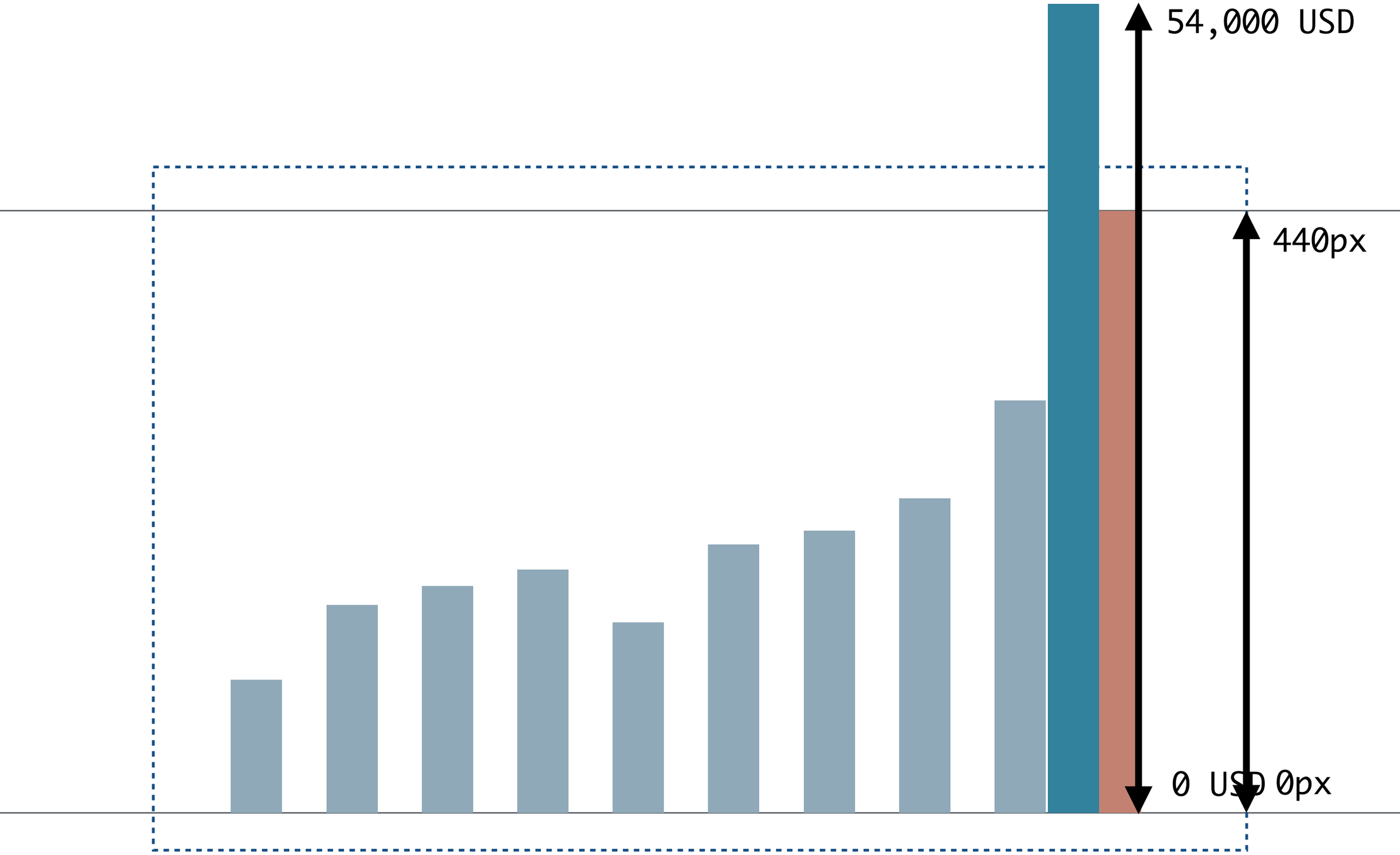


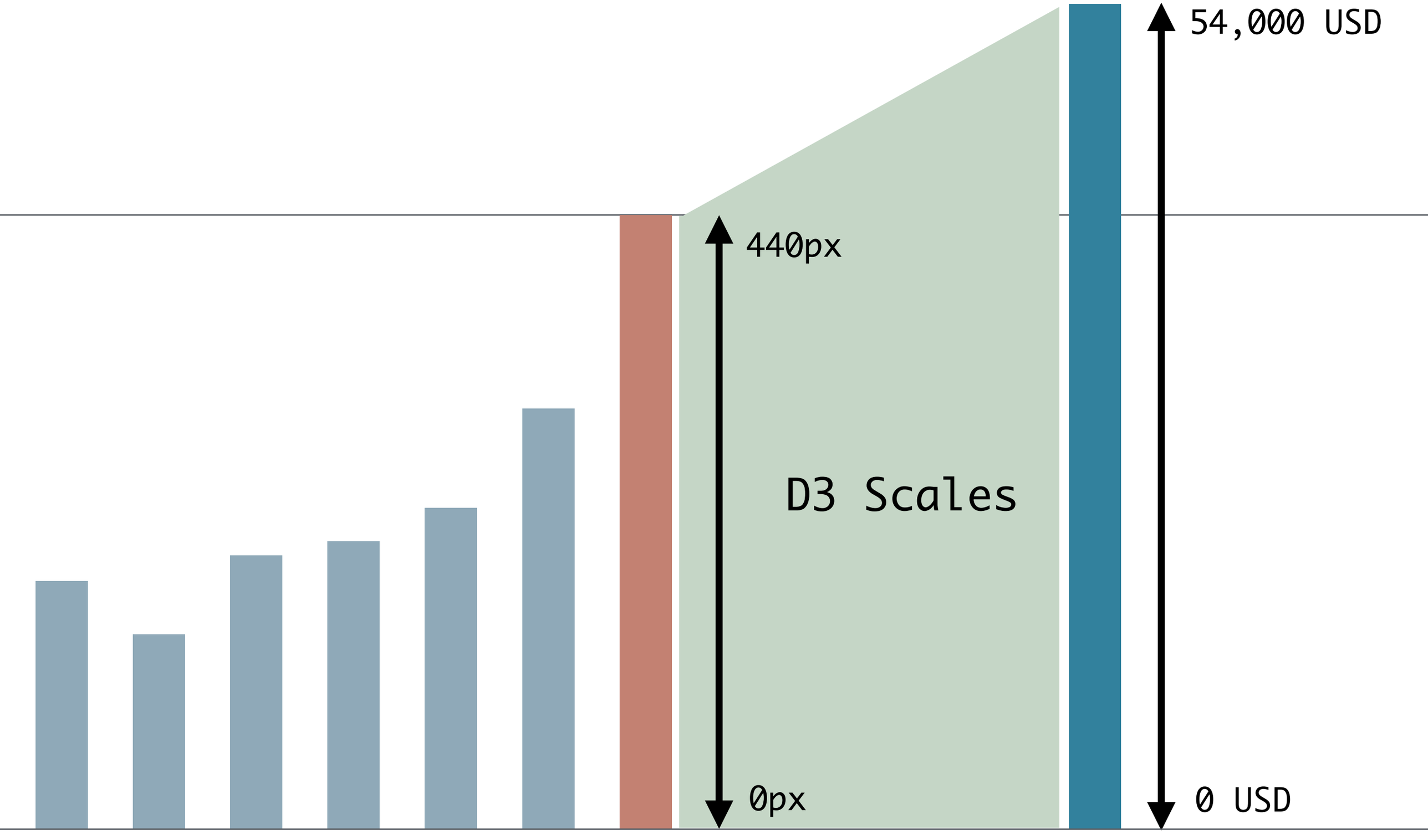
localhost

SVG: 800 x 500 px

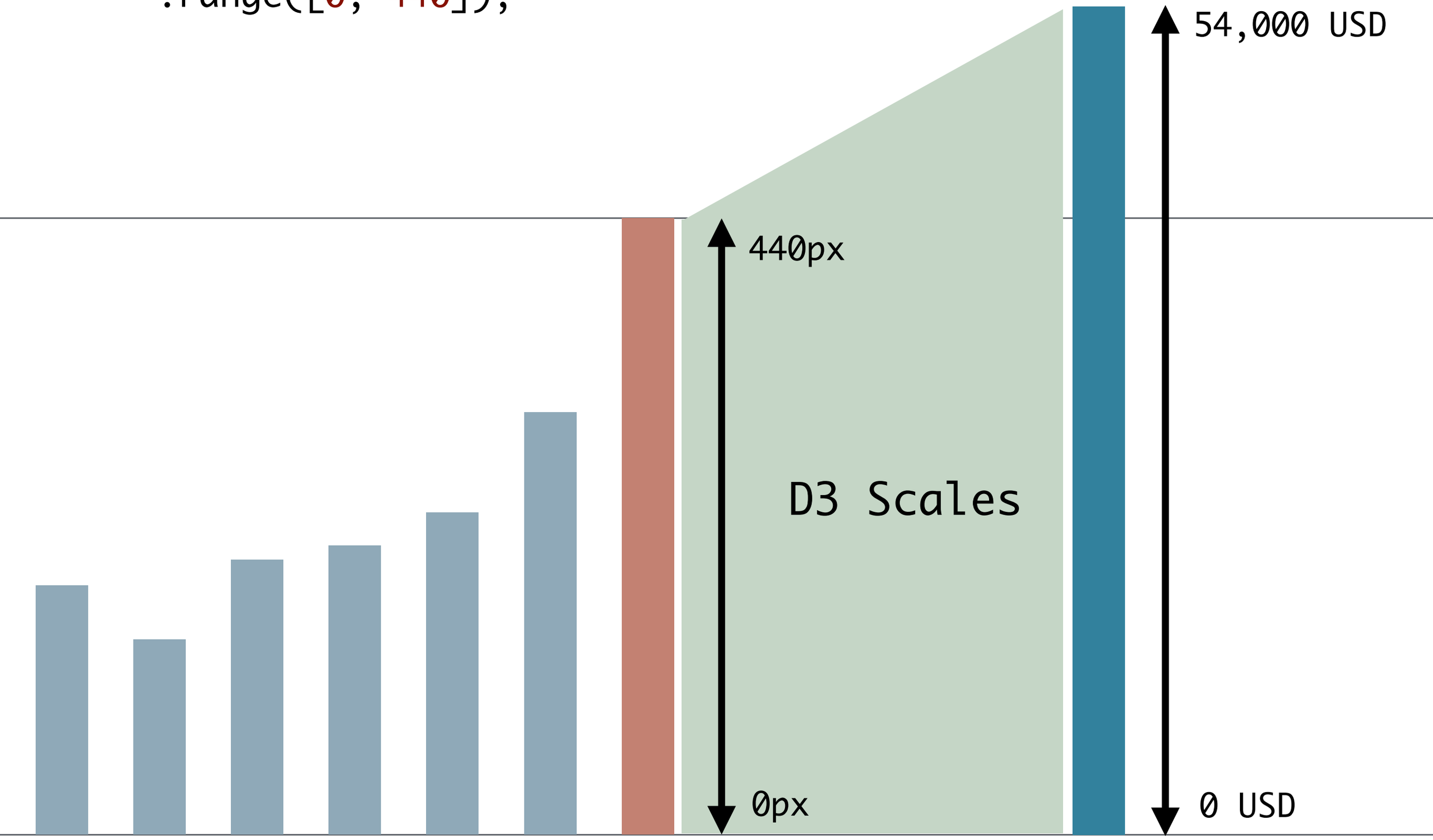



SVG
440px


54,000 USD
440px
0 USD 0px

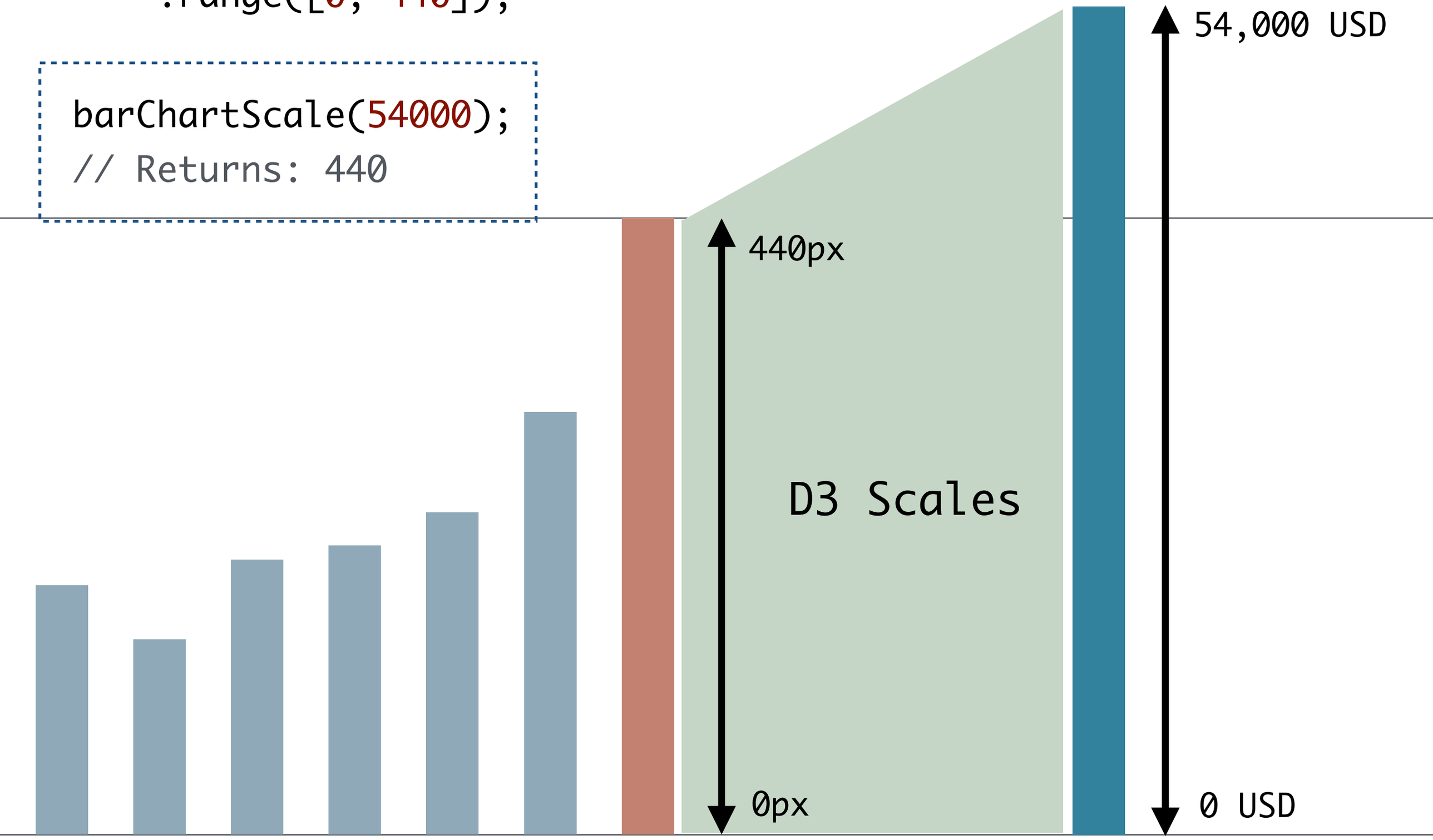

54,000 USD
440px
D3 Scales
0px
0 USD

```
var barChartScale = d3.scale.linear()
     .domain([0, 54000])
     .range([0, 440]);
```



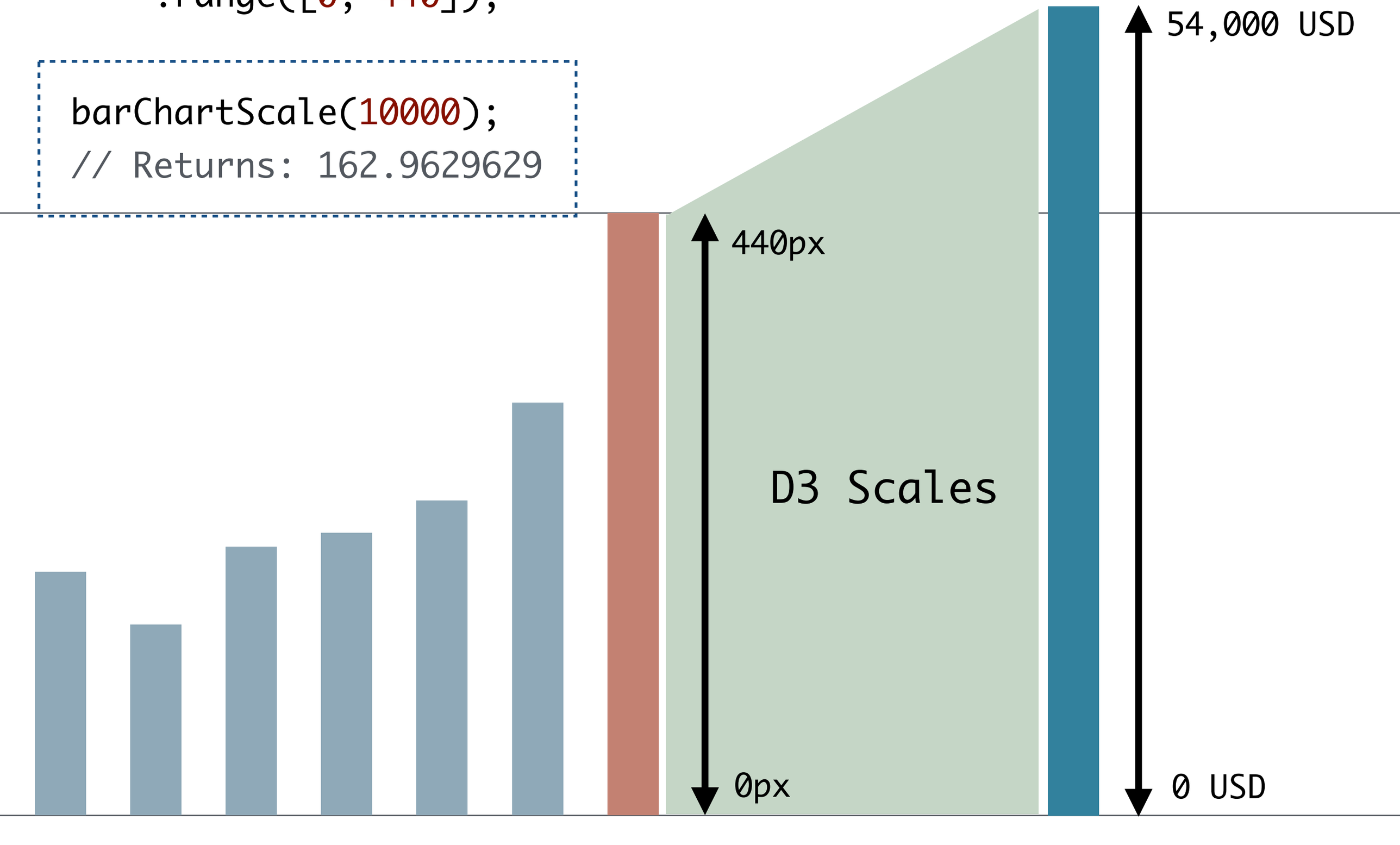
```
var barChartScale = d3.scale.linear()
     .domain([0, 54000])
     .range([0, 440]);
```

```
barChartScale(54000);
// Returns: 440
```



```
var barChartScale = d3.scale.linear()
     .domain([0, 54000])
     .range([0, 440]);
```

```
barChartScale(10000);
// Returns: 162.9629629
```



Lab 4

Scales and Axes in D3

https://canvas.harvard.edu/courses/

› Modules › Lab 4 - Instructions

READ THE MANUAL

Follow the step by step instructions
before you start with the activities.

CS
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