



Introduction to Plotly

Data Boot Camp



Why Plotly?



The focus of this unit is learning how to build interactive visualizations for an audience.



The idea behind this skill is to provide the customer/consumer/client with the ability to visualize complex data so that they can explore and draw their own conclusions from it.

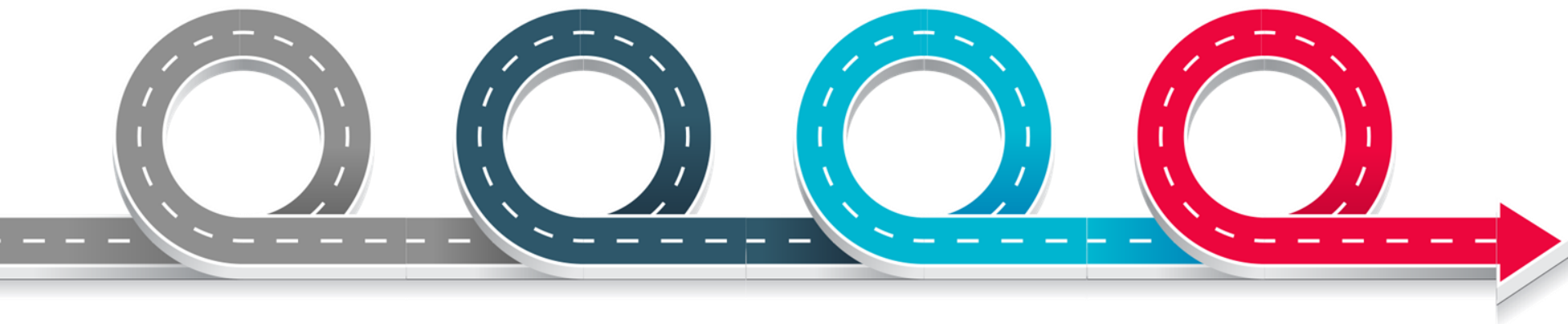


This is a big trend in reproducible data science and data journalism.



Here's an article that explains this concept: [forbes.com](https://www.forbes.com)

Why Plotly?



You can communicate data insights and visualizations to a wide audience using the browser.

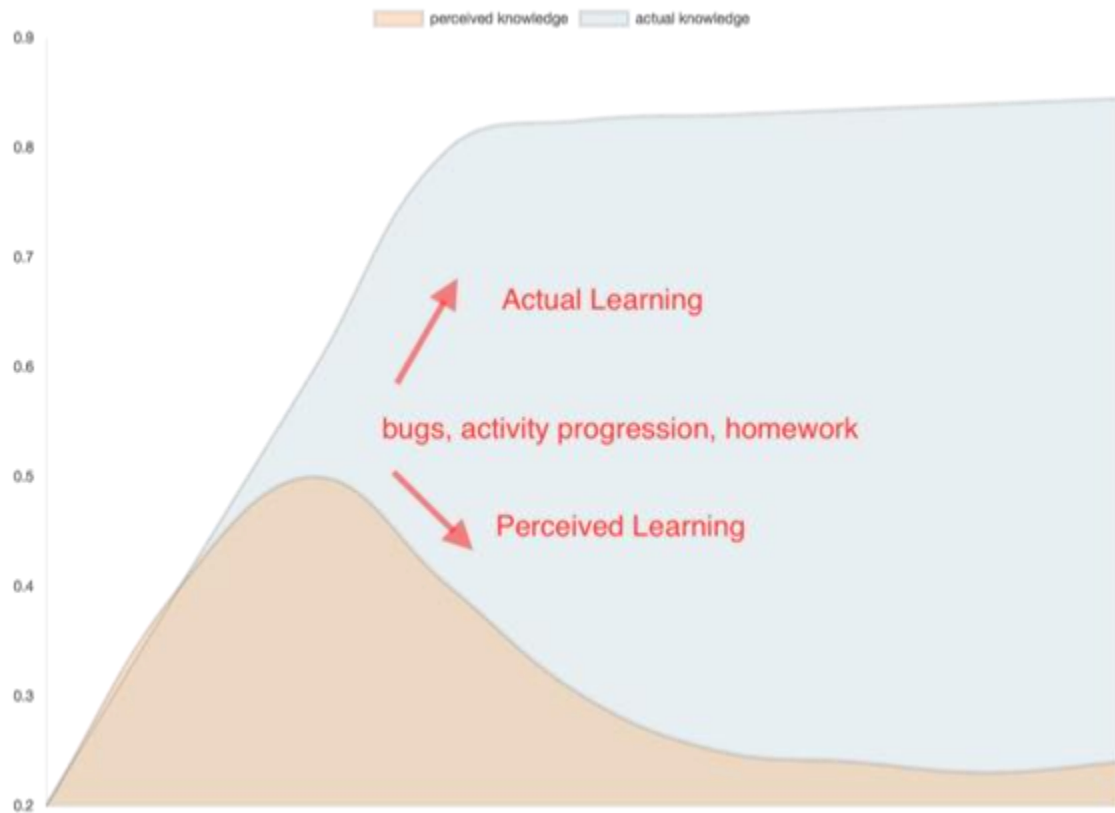
It's more visually appealing than Matplotlib.

It offers interactivity.

Plotly and many similar visualization libraries use JavaScript.

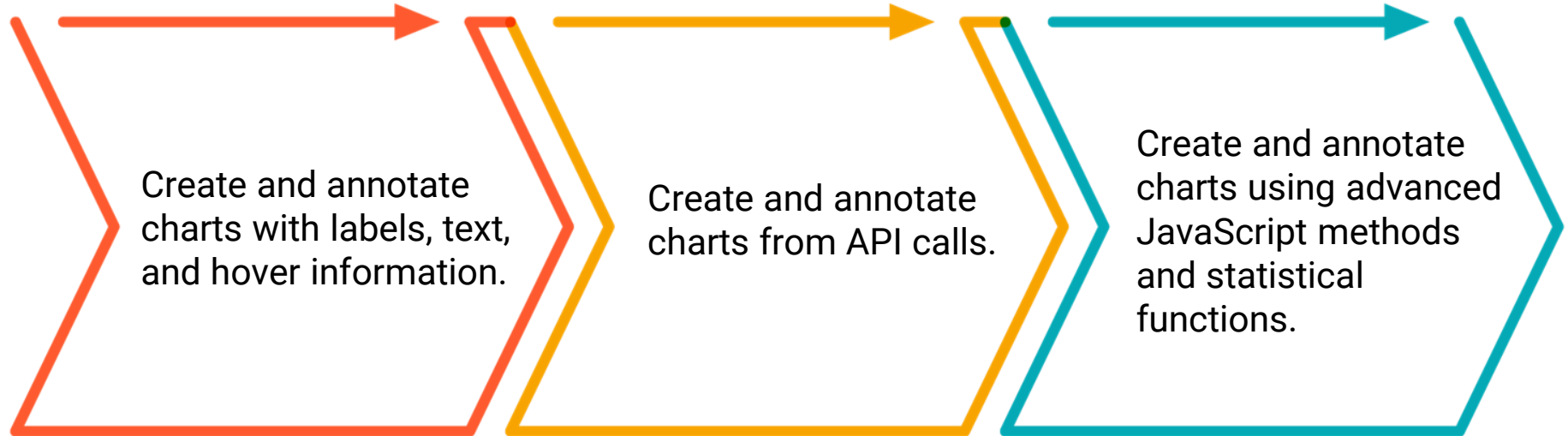
Journey to JavaScript

The Journey to JavaScript



Learning Outcomes

By the end of this unit, you will be able to:



Today's Class

Today's Goals

By the end of this class, you will:



Create basic plots in Plotly.



Use the JavaScript `filter()` method.



Use the JavaScript Math library.



Use `map()` to create Plotly charts.

Today's Goals

By the end of this class, you will:



Create basic plots in Plotly.



Use the JavaScript `filter()` method.



Use the JavaScript Math library.



Use `map()` to create Plotly charts.

Today's Goals

By the end of this class, you will:



Create basic plots in Plotly.



Use the JavaScript `filter()` method.



Use the JavaScript Math library.



Use `map()` to create Plotly charts.

Today's Goals

By the end of this class, you will:



Create basic plots in Plotly.



Use the JavaScript `filter()` method.



Use the JavaScript Math library.



Use `map()` to create Plotly charts.

Today's Goals

By the end of this class, you will:



Create basic plots in Plotly.



Use the JavaScript `filter()` method.



Use the JavaScript Math library.



Use `map()` to create Plotly charts.