Introduction to Plotly
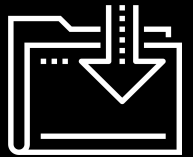
Why Plotly?

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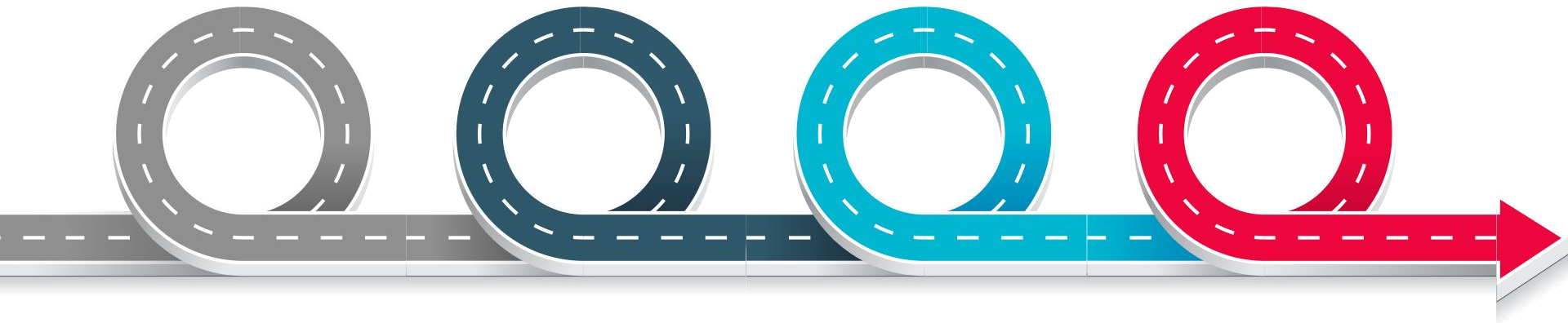
This is a big trend in reproducible data science and data journalism.

Here's an article that explains this concept: forbes.com

Why Plotly?

You can communicate data insights and visualizations to a wide audience using the browser.
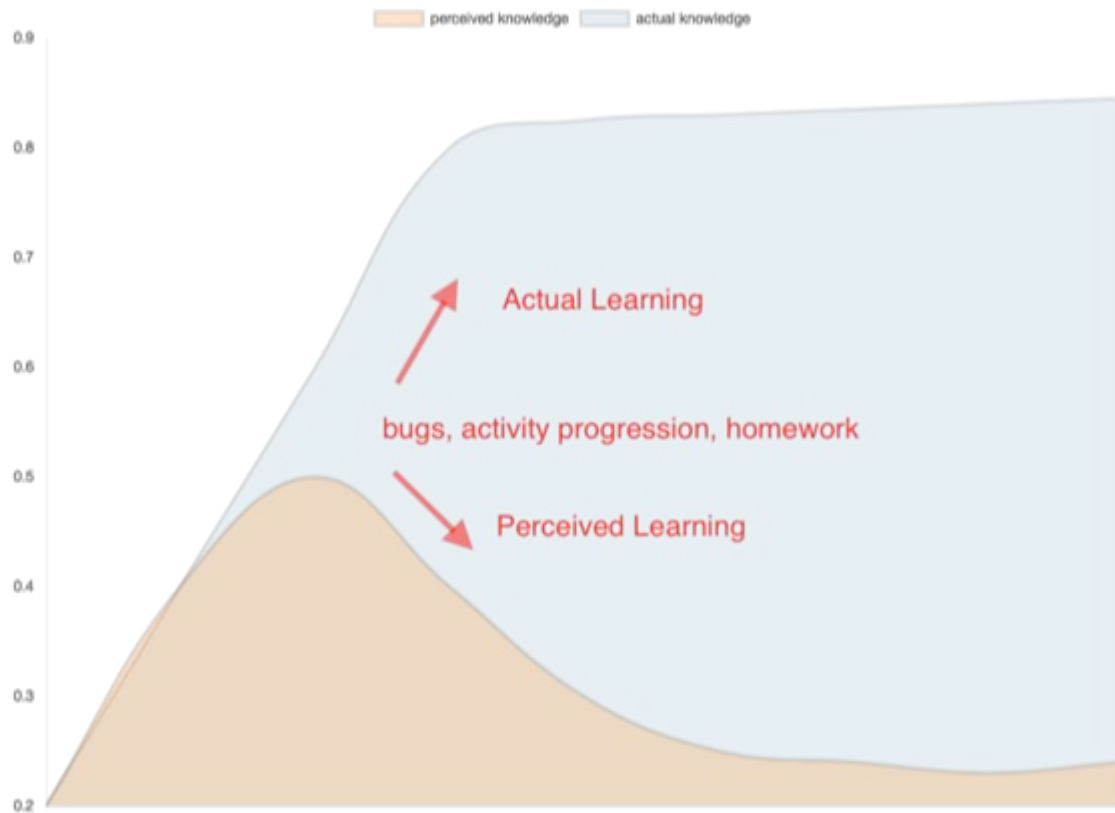
It's more visually appealing than Matplotlib.

It offers interactivity.

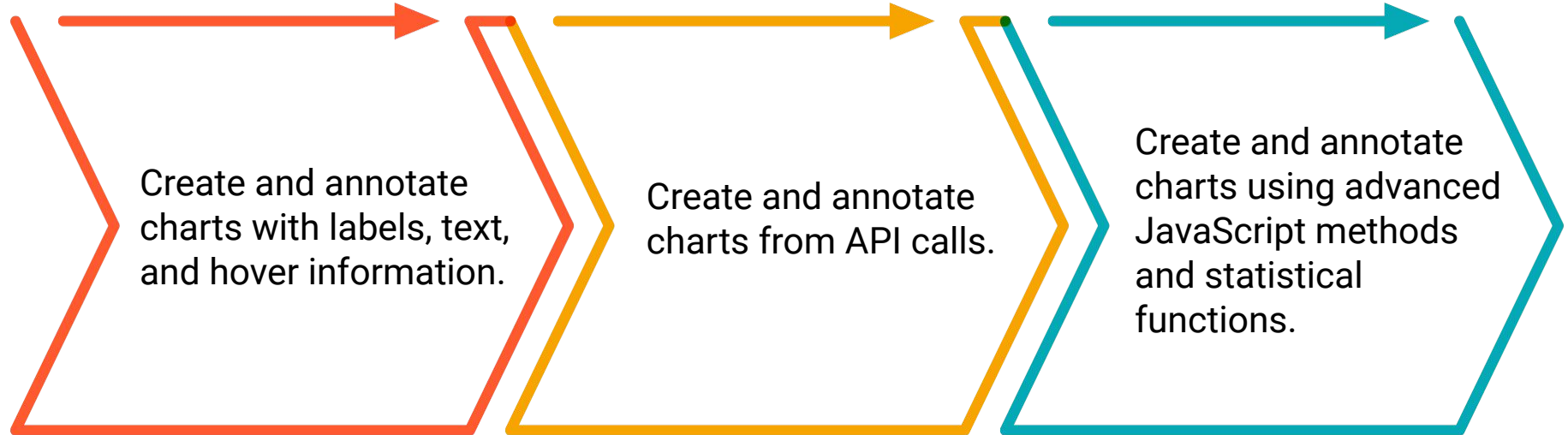Plotly and many similar visualization libraries use JavaScript.

Journey to JavaScript

The Journey to JavaScript

Learning Outcomes

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

Create and annotate charts with labels, text, and hover information.

Create and annotate charts from API calls.

Create and annotate charts using advanced JavaScript methods and statistical functions.

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.

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☐ Use `map()` to create Plotly charts.

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☐ Use `map()` to create Plotly charts.

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☐ Use `map()` to create Plotly charts.

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
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