

Data Visualizations with Plotly

GoSkills online course syllabus

Skill level

Beginner

Lessons

16

Pre-requisites

No prior experience needed

Video duration

56m

Estimated study time

56m 1s

Instructor

Brett Vanderblock

Introduction

1 Unlock powerful visualizations with Plotly

Plotly Foundations

2 What is Plotly

Plotly is a data visualization library. After watching this video, you'll be able to identify the key attributes of Plotly.

3 Getting started with Plotly

There are a few things to know before you get started using Plotly. After watching this video, you'll be able to start using Plotly.

Usage Scenarios with Plotly

4 Introduction to the Figure in Plotly

Figures are represented as trees with named nodes called "attributes". After watching this video, you'll be able to use the figure in Plotly.

5 Plotly Express vs Go

Plotly Express is a high-level wrapper for Plotly.

6 Making charts and sharing your work

With Plotly you can make charts and share graphs so your colleagues and friends can see your work.

Creating Visualizations with Plotly

7 Basic charts with Plotly
Creating charts is easily with Plotly. After watching this video, you'll be able to work with basic charts in Plotly.

8 Statistical charts with Plotly
Statistical charts are a great way to show information. After watching this video, you'll be able to use statistical charts in Plotly.

9 3D Plotting with Plotly
Do you know how to create a 3D plot? After watching this video, you'll be able to do 3D plotting with Plotly.

10 Mapping with Plotly
Plotly's graphing library makes interactive, publication-quality graphs online. After watching this video, you'll be able to build maps with Plotly.

11 Creating a sunburst graph
Creating a sunburst graph is easy with Plotly. After watching this video, you'll be able to create a sunburst with Plotly.

12 Creating a sankey
Sankey diagrams are convenient chart for visualizing. After watching this video, you'll be able to create a sankey with Plotly.

Adding interactivity with Plotly

13 Creating dropdowns and buttons
Dropdowns and buttons are helpful navigation tools. After watching this video, you'll be able to add interactivity with Plotly.

14 Creating subplots
The subplot function provides a method for arranging multiple Plotly plots in a single view.

15 Creating dashboards with Dash
Dashboards a great way to combine visualizations. After watching this video, you'll be able to create a dashboard with Dash.

Conclusion

16 Your path forward using Plotly.