

# Data Visualizations with Plotly

GoSkills online course syllabus

**Skill level**

Beginner

**Lessons**

16

**Accredited by**

Verified by GoSkills

**Pre-requisites**

No prior experience needed

**Video duration**

56m

**Estimated study time**

56m 1s

**Instructor**

Brett Vanderblock

## Introduction

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### 1 Unlock powerful visualizations with Plotly

## Plotly Foundations

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### 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

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### 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

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## 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

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## 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

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## 16 Your path forward using Plotly.

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