Python 2: Data Scientist with Python

Actions ⌄

Python - Please complete Introduction to Python prior to this track

PUBLISHED   Estimated time to complete – 43 hours

1. Intermediate Importing Data in Python

Improve your Python data importing skills and learn to work with web and API data.

Hugo Bowne-Anderson

COURSE

2. Manipulating DataFrames with pandas

You will learn how to tidy, rearrange, and restructure your data using versatile pandas DataFrames.

Team Anaconda

COURSE

3. Merging DataFrames with pandas

This course is all about the act of combining, or merging, DataFrames, an essential part your Data Scientist's toolbox.

Team Anaconda

COURSE

4. Analyzing Police Activity with pandas

Explore the Stanford Open Policing Project dataset and analyze the impact of gender on police behavior using pandas.

Kevin Markham

COURSE

5. Interactive Data Visualization with Bokeh

Learn how to create versatile and interactive data visualizations using Bokeh.

6. Supervised Learning with scikit-learn

Learn how to build and tune predictive models and evaluate how well they'll perform on unseen data.

Hugo Bowne-Anderson

COURSE

7. Case Study: School Budgeting with Machine Learning in Python

Learn how to build a model to automatically classify items in a school budget.

Peter Bull

COURSE

8. Unsupervised Learning in Python

Learn how to cluster, transform, visualize, and extract insights from unlabeled datasets using scikit-learn and scipy.

Benjamin Wilson

COURSE

9. Machine Learning with Tree-Based Models in Python

In this course, you'll learn how to use tree-based models and ensembles for regression and classification using scikit-learn.

Elie Kawerk

COURSE

10. Introduction to Deep Learning in Python

Learn the fundamentals of neural networks and how to build deep learning models using Keras 2.0.

Dan Becker

COURSE

11. Introduction to Network Analysis in Python

This course will equip you with the skills to analyze, visualize, and make sense of networks using the NetworkX library.