1000 XP

Explore and analyze data with Python

47 min • Module • 9 Units

★★★★★ 4.8 (3,435) Rate it

Intermediate Data Scientist Visual Studio Code

Data exploration and analysis is at the core of data science. Data scientists require skills in languages like Python to explore, visualize, and manipulate data.

Learning objectives

In this module, you will learn:

- Common data exploration and analysis tasks.
- How to use Python packages like NumPy, Pandas, and Matplotlib to analyze data.

Start > ⊕ Save

Prerequisites

- Knowledge of basic mathematics
- Some experience programming in Python

This module is part of these learning paths

Create machine learning models

Foundations of data science for machine learning

Introduction
2 min

Explore data with NumPy and Pandas
3 min

Exercise - Explore data with NumPy and Pandas
10 min

Visualize data
3 min

Exercise - Visualize data with Matplotlib
10 min

Examine real world data
3 min

Exercise - Examine real world data
12 min

Knowledge check
3 min

Summary
1 min