

Document Generated: 12/18/2025

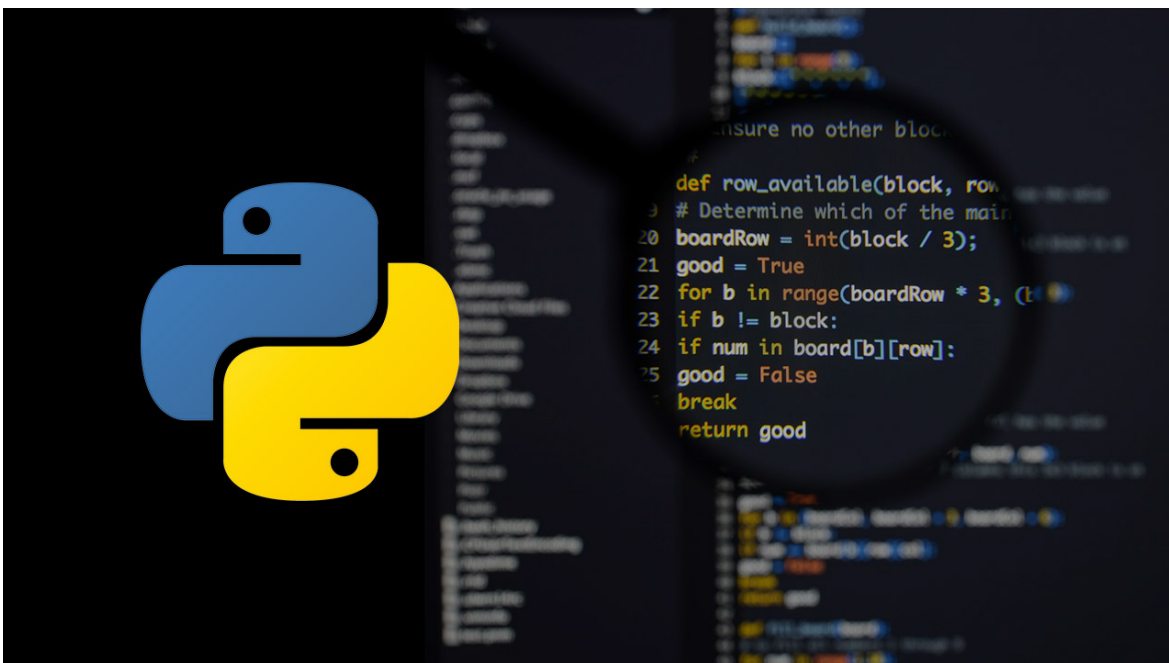
Learning Style: On Demand

Technology:

Difficulty: Beginner

Course Duration: 3 Hours

Python: Essential Course for Absolute Beginners



About this Course:

In this course we will teach you the essential parts of Python that you need to know to start using web frameworks, data science or artificial intelligence.

We will start by learning about variables, strings, lists, loops and conditionals, then move on to functions, object oriented programming with classes and objects, modules and packages and round it all up with an introduction to unit testing.

Course Objectives:

- How to properly install Python 3.6

- Introduced to variables and types
- The concepts of conditional, loops and control flows
- The basic concepts of Object Oriented Programming
- Introduced to the concepts of debugging and unit testing

Course Outline:

- Introduction
- Your Local Dev Environment
- Python Basics
- Classes and Object Oriented Programming
- Modules and Packages
- Debugging and Testing
- Conclusion