

Python in a Day

Python is an extremely powerful language that can be used in any situation where computing or programming is required. From web design to AI to data science, Python's got you covered. Join us for a single day and be introduced to the magical world of Python. Once you get started, you'll never look back.

Group classes in NYC and on-site training is available for this course. For more information including upcoming class dates and pricing, visit training-nyc.com/courses/python-in-a-day or email contact@nyimtraining.com

Course Outline

Section 1

Fundamentals of Python

- Python Overview + History
- Anaconda Distribution
- Jupyter Notebook + Markdown
- Data Types + Variables
- Assignment Operators
- Numbers vs. strings
- Concatenation

Procedural Programming

- Built in Functions
- Control Flow Statements
- Functions
- Lists
- Indexing + Slicing

Section 2

Iterative Code

- Intro to looping
- For Loop
- While Loop

Complex Data Types

- String
- Methods
- Lists
- Tuples
- Sets
- Dictionaries

Section 3

Object Programming

- Intro to Object Oriented Programming
- Inheritance

Python's Uses

- Different Environments
- Data Science with Jupyter
- Web Development with Flask