

# Intro to Python Programming (Self-Paced)

This Python course is built to teach you how to code from the ground up and become proficient in programming with Python. You'll learn the syntax, principles, and thought processes behind programming, all while building a solid foundation for further studies in data science or web development.

Group classes in Live Online and onsite training is available for this course. For more information, email [corporate@nobledesktop.com](mailto:corporate@nobledesktop.com) or visit: <https://www.nobledesktop.com/classes/intro-to-python-programming-self-paced>



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## Course Outline

### Python Fundamentals

#### Data Types & Variables

- Statements & Expressions
- Variables
- Integers & Floats
- Strings

#### Data Structures & Attributes

- Functions & Methods
- Lists
- Indexing & Slicing
- Booleans

### Structuring Programs

#### Complex Data Structures & Control Flow

- Dictionaries
- Conditional Statements
- For Loops
- Creating Functions

#### Packages & Object Oriented Programming

- Classes & Objects

- Modules & Imports
- Packages & Documentation