COURSE SYLLABUS

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 (Live Online) and onsite training are available for this course. For more information, email 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