

Python Programming for Beginners

Learn the fundamentals of Python programming language through practical examples and exercises.

Category: Cryptocurrency · Duration: 3 days

WHO IT IS FOR

- Python developers
- Developers of any background
- Beginners welcome: no prior experience required

This Python Programming for Beginners course is designed to provide comprehensive training on Python language and its basic concepts. Participants will learn how to write clean and efficient Python code and understand key programming principles. By the end of this course, students will have the knowledge and skills to develop simple Python programs and pursue further studies in the field.

Prerequisites

No prior programming experience required.

Syllabus

- Introduction to Python
- Variables and Data Types
- Operators and Expressions
- Control Flow
- Lists and Tuples
- Dictionaries and Sets
- Functions
- Modules and Packages
- File Handling
- Exceptions Handling
- Object-Oriented Programming
- Regular Expressions
- Database Connectivity
- Creating Web Applications with Python

- Introduction to Flask Framework
- Introduction to Django Framework
- Testing and Debugging
- Introduction to Git and Version Control
- Working with APIs
- Python for Data Science
- Building GUI Applications with Python