

Python for Beginners

This Python Basics course covers essential concepts, including data types, variables, lists, tuples, dictionaries, loops, and decision-making statements. You'll also explore user-defined functions, OOP, threading, and scripting. By the end, you'll have the skills to kickstart your career as a Python developer.

Program Duration

10 Hours

Learning Format

Online and On-demand

Course Curriculum

Introduction

Lesson 1 : Introduction to Python

Lesson 2 : Datatypes in Python

Lesson 3 : Strings in Python

Lesson 4 : Conditional Statements in Python

Lesson 5 : Loops in Python

Lesson 6 : OOPs in Python

Lesson 7 : Threading and Scripting in Python

Lesson 8 : Python Libraries - NumPy

Lesson 9 : Python Libraries - Pandas

Lesson 10 : Python Libraries - Matplotlib

Lesson 11 : Python Libraries - Scikit-Learn

Lesson 12 : Web Scraping with Python

Lesson 13 : Python Interview Questions

12+ Skills Covered

➤ Core Python Programming

- Object-oriented programming (OOP)
- Python Data Structures
- Web Frameworks
- Data Manipulation
- Web Scraping Techniques
- Python Libraries
- Multiprocess Architecture
- Server-side Templating
- User Authorization and Authentication
- Automation Scripting
- Machine Learning Basics