

PYTHON FOUNDATION COHORT SYLLABUS

Weekend live cohort | Saturday & Sunday | Online mentorship program

OVERVIEW

Don't just learn Python.

Learn to think, debug, and build with confidence.

A foundation-level live cohort for beginners, college students, working professionals, career transitioners, and self-learners who want strong coding logic from scratch.

6-8

Weeks

20

Seats Max

Live

Weekend Batch

Meet

Online Sessions

WHO IT IS FOR

- Beginners starting from zero
- Students who want strong basics
- Working professionals upskilling
- Career transitioners
- Explorers who want structured learning

WHAT YOU WILL ACHIEVE

- Read Python code with clarity
- Understand logic and flow
- Debug problems independently
- Write your own programs
- Build confidence through practice

HOW IT IS DELIVERED

- 2 hours Saturday + 2 hours Sunday
- Online live sessions through Meet
- Daily assignments with solutions
- Daily recordings on portal
- Personal mentorship and doubt support

COURSE PROMISE

By the end of this cohort, students will be able to read, understand, debug, and build Python programs independently - without blind copying. Confidence first. Advanced content later.

INCLUDED IN THE PROGRAM

- Live mentorship and accountability
- Daily assignments with guided solutions
- Code visualiser for better understanding
- Doubt clearing in live sessions
- Daily recordings on portal

PROGRAM INVESTMENT

Rs 1999

Early Bird

Limited seats | First come, first served

Rs 2499

Regular Fee

ENROLL NOW - Learn Python the right way

Trainer: Shivam Namdev | 7+ years of IT industry experience

PYTHON FOUNDATION COHORT SYLLABUS

A structured 6-8 week path from zero confidence to independent coding

CURRICULUM

WEEK-WISE LEARNING JOURNEY

Strong fundamentals first. Practical implementation next. Advanced recordings as an earned bonus.

WEEK 1 Think Like a Programmer

- Python setup and environment
- Variables, inputs and operators
- Conditional statements
- Loops and problem-solving mindset

Outcome: Build your first programs and understand execution flow.

WEEK 2 Functions & Strings

- Writing custom functions
- Parameters, return values and reuse
- String handling and formatting
- Practice exercises and logic drills

Outcome: Write reusable code and solve in smaller steps.

WEEK 3 Data Structures in Python

- Lists and list operations
- Tuples and sets
- Dictionaries and real-world usage
- Mini practice tasks

Outcome: Store and process data with the right structure.

WEEK 4 Core Programming Concepts

- Exception handling
- File handling - read/write
- Debugging techniques
- Reading code with confidence

Outcome: Handle errors, files, and debugging confidently.

WEEK 5-6 OOPs, Virtual Environment & Mini Project

OOPs Concepts

- Classes and objects
- Methods and constructors
- Inheritance and polymorphism
- Real-life analogy based learning

Virtual Environment

- Why project isolation matters
- Create and use venv
- Basic package management
- Clean project setup

Mini Project

- Plan before coding
- Build step by step
- Apply all core concepts
- Submit and improve with feedback

HOW YOU WILL LEARN

- Analogy-based teaching
- Real-life examples
- Live coding sessions
- Daily assignments
- Guided debugging
- Visual code execution
- Mentor feedback
- Doubt support

BONUS ACCESS

Score above 70-80% to unlock advanced recordings:

- List comprehension
- Decorators
- Generators
- Lambda functions
- Recursion
- Advanced practice mindset

CERTIFICATE ELIGIBILITY

- Minimum 75% attendance
- Daily assignments completed
- Final mini project submitted
- Active participation and commitment

Certificate is earned by showing consistency, practice, and practical understanding - not by simply joining the batch.

By the end, you won't just know Python syntax - you'll think logically, debug confidently, and build Python programs independently.