

ady.
ADYAPAN

Adyapan School

Python Programming



Duration - 2 months

Industry
Certification



Skill India Certified

250+
Partner Companies

Automate. Analyze. Achieve with Python

From code to creation - become industry-ready.

This immersive 8-week Python Programming program takes you beyond basic syntax into real-world application development. Learn core programming concepts, object-oriented design, database integration, and full-stack fundamentals through hands-on projects and guided exercises. With a strong focus on practical problem-solving and industry-relevant workflows, you'll graduate with the ability to build scalable applications, write efficient code, and confidently tackle real-world software challenges.

8

MODULES

30+

PROGRAM OFFERINGS

20,000+

STUDENTS

250+ PARTNERED COMPANIES



ABOUT ADYAPAN SCHOOLS

Where education meets real-world impact

Not just a course - a platform to launch
your career.

Adyapan Schools was built with a single conviction:
learning works best when it happens in the real world.
We partner with top companies, mentors, and industry
platforms to ensure every student graduates with a
portfolio of work that speaks louder than a certificate.

Our programs combine rigorous coursework with live
client projects, giving you the skills and proof-of-work
that employers actually want.

MISSION

To equip ambitious learners with
practitioner-level digital
marketing skills through mentor-
led, project-based education that
bridges the gap between learning
and earning.



VISION

To be India's most trusted
launchpad for the next generation
of marketing leaders – defined
not by degrees but by the real
work.



Everything you need to grow fast

PROGRAM HIGHLIGHTS

Live Industry Projects

Work on campaigns for real brands alongside your coursework. Build portfolio projects that prove your expertise to employers.

1-on-1 Mentorship

Dedicated mentors from Google, Microsoft, Mastercard and more. Get personalized guidance and industry connections.



AI-Powered Marketing

Learn cutting-edge AI tools alongside evergreen fundamentals. Stay ahead of the curve in a rapidly evolving landscape.



Dual Certification

Earn both a Course Completion and Internship Certificate – accredited by Skill India Digital Hub and NSDC.



Internship Guarantee

Graduate with an internship completion certificate from a live brand project. Concrete, resume-ready proof of work.



Industry Network

Join a network of alumni at Amazon, Google, Adobe, Microsoft. Access exclusive hiring events and referral opportunities.

CURRICULUM

8 weeks. 8 modules. Infinite impact.

WEEK 1

Python Fundamentals

- Discussion of Curriculum
- Introduction to Programming & Python Setup
- Python Syntax, Variables, Data Types
- Operators and Conditional Statements
- Loops (for, while)
- Lists, Tuples, Sets Practice



WEEK 2

Python Programming Concepts

- Dictionaries and Strings
- Functions and Parameters
- Lambda Functions & Recursion
- File Handling
- Exception Handling & Mini Project



WEEK 3

Object Oriented Programming

- OOP Concepts, Classes & Objects
- Constructors & Variables
- Inheritance
- Polymorphism & Encapsulation
- Modules & Packages



8 weeks. 8 modules. Infinite impact.

WEEK 4

Database + Backend Basics

- Introduction to Databases & SQL
- MySQL Installation & CRUD
- Python MySQL Connection
- Database Applications
- Mini Project--Student Management System



WEEK 5

Frontend Development

- Web Development Basics
- HTML Fundamentals
- Forms and Inputs
- CSS Styling
- Responsive Design Basics



WEEK 6

JavaScript

- Java Script Basics
- DOM Manipulation
- Events & Validation
- AJAX & APIs
- Mini Project - Interactive Form



8 weeks. 8 modules. Infinite impact.

WEEK 7

Python Backend Framework

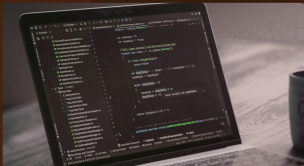
- Introduction to Flask/Django
- Web Application Setup
- Routing & Templates
- Database Integration
- REST APIs



WEEK 8

Full Stack Project

- Project Architecture
- Building Full Stack Application
- Authentication & Login
- Deployment Basics
- Final Project Presentation



WHO THIS IS FOR

This course is perfect for

Students & Career Switchers

Aspiring Software Developers

Non-Tech Learners Entering IT

Tech Entrepreneurs & Freelancers

Analysts & Consultants

Automation & Scripting Learners

CERTIFICATIONS



ALUMNI NETWORK

Our alumni work at world-class companies

Amazon

Adobe

Google

Autodesk

Microsoft

Deloitte

Your career switch is one click away.

Ready to begin? Apply at adyapanschool.com or email us at support@adyapan.com

Apply Now