

# 3-DAY PYTHON BOOTCAMP (HANDS-ON)



## TRAINING STRUCTURE (3-DAY SNAPSHOT)



### Day 1 — Python Fundamentals

Introduction • Python Setup • Variables & Data Types  
Operators • Input/Output • Control Structures  
Hands-on Exercises & Mini Project  
**Output:** Working with basics + simple program



### Day 2 — Data Handling & Functions

Lists, Tuples, Dictionaries, Sets • Functions & Modules  
File Handling • Exception Handling • Data Analysis with Python  
Hands-on Exercises & Mini Project  
**Output:** Data processing program + file operations



### Day 3 — Python for Engineers & Capstone Project

NumPy Basics • Data Visualization (Matplotlib)  
Problem Solving for Engineers • Capstone Project Development  
Project Presentations • Q&A • Feedback & Certificates  
**Output:** Final project + presentation

## WHAT YOU WILL RECEIVE



Participation  
certificate &  
CPD points



### DATES

12 – 14 June, 2026  
(Friday – Sunday)



### VENUE

CECOS University Peshawar  
Peshawar, Khyber Pakhtunkhwa



### TIME

10:00 AM – 4:00 PM  
(Each Day)



### TARGET AUDIENCE

Engineers, Engineering  
Students and Professionals



### WHY JOIN?

- Learn Python with practical, hands-on approach
- Build real-world projects and solve engineering problems
- Improve productivity and career opportunities
- Interact with experts and like-minded professionals



### KEY HIGHLIGHTS

- Hands-on coding & exercises
- Real-world engineering applications
- Mini projects & final capstone
- Expert guidance
- Certificate of participation & CPD points



### WHO SHOULD ATTEND

- Electrical, Mechanical, Civil, Computer & related engineering professionals
- Engineering students
- Anyone interested in learning Python for problem solving



### REGISTER NOW!

Limited Seats –  
Register Early

**50 SEATS ONLY**  
ON FIRST COME FIRST SERVE BASIS

Secure Your Spot Today!

## FOR REGISTRATION

Visit the link below to register:

<https://docs.google.com/forms/d/1F8L62ADyiVmVXVL7xfw2CAVqVR7BeE41dXo8M1zR-HM/edit?pli=1>

**LIMITED SEATS – REGISTER NOW!**  
**INVEST IN YOUR SKILLS, INVENT YOUR FUTURE.**



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