

Python in 60 Minutes: Build Your First Program

Workshop Overview

This live online workshop is designed to introduce Python programming in a simple, practical, and engaging way. In just 60 minutes, participants will learn core concepts and build a working mini project.

Learning Outcomes

By the end of this session, participants will be able to:

- Understand basic Python concepts
 - Write simple programs using input and output
 - Apply conditions and loops for decision-making
 - Build a basic real-world Python application
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Duration

Total Time: 60 Minutes

Mode: Live Online (Interactive)

Workshop Agenda

1. Introduction to Python (5 mins)

- What is Python?
 - Where Python is used (AI, Web, Automation)
 - Overview of what we will build
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2. Python Basics (10 mins)

- Variables and data types
- Input and output operations
- Writing your first Python program

● 3. Conditional Statements (10 mins)

- Understanding decision making
- if / else statements
- Real-life examples

● 4. Loops (10 mins)

- for loop basics
- Repeating tasks using loops
- Simple number-based examples

● 5. Mini Project: Expense Tracker (20 mins)

- Taking user input
- Storing data using lists
- Calculating total expenses
- Displaying results

● 6. Wrap-Up & Next Steps (5 mins)

- Key takeaways
- Learning roadmap
- Q&A session



Requirements

- Laptop or Desktop with internet connection
- No prior programming knowledge required



What You Will Get

- Hands-on coding experience
- Mini project implementation
- Learning resources for next steps

- Certificate of participation (optional)
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Who Can Join?

- Beginners with no coding background
 - Students and job seekers
 - Anyone interested in learning programming
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Outcome

By the end of this workshop, you will have built your **first Python program** and gained the confidence to continue learning programming.
