

5-Day Python Crash Course —



Fast Track to Practical Python

🔑 Quick Facts

- **Duration:** 5 × 1-hour live sessions
- **Format:** Remote or in-person; live coding + exercises
- **Level:** Beginner → Early Intermediate
- **Tools:** Python 3.10+, VS Code, venv, pip
- **Deliverable:** CLI Contact Manager + solutions

📘 Learning Outcomes

- Python install + VS Code setup
- Syntax, data types, control flow, I/O
- Data structures + comprehensions/generators
- Functions, classes, modules, packages
- File persistence, exceptions, unit testing, debugging
- CLI project with arg parse

💻 Hands-on Project

CLI Contact Manager — add/list/find/delete contacts in JSON with data classes, arg parse, unit tests

🎯 Why This Course?

- **Practical:** Learn by doing — coding exercises daily
- **Focused:** Short lessons for busy learners
- **Ready-to-work:** Real-world project + debugging/testing skills
- **Trainer-ready:** Materials for workshops

📅 5-Session Breakdown

- **Day 1:** Setup + basics (BMI exercise)
- **Day 2:** Control flow & collections
- **Day 3:** Functions & packages
- **Day 4:** Classes & persistence
- **Day 5:** Generators, testing, wrap-up

👥 Who Should Attend

- Absolute beginners
- Professionals needing quick upskilling
- Trainers/team leads

🚀 Call to Action

Reserve dates or request a quote:
✉️ [your-contact@domain.com]