The Chapter One

Python Programming - Syllabus

Course code: PYT | Duration: 3 Months | Mode: Offline

Module 1: Python Basics (2 weeks)

1.1 Getting started

- Introduction and course overview
- Setting up your tools
- Core concepts

1.2 Working basics

- Everyday tasks
- Shortcuts and good habits
- Practice exercise

Module 2: Data Structures & Functions (3 weeks)

2.1 Hands-on practice

- Guided lab session
- Common mistakes and fixes
- Mini assignment

2.2 Going further

- Intermediate techniques
- Real-world examples
- Weekly test

Module 3: Files, Modules & Projects (4 weeks)

3.1 Planning the project

- Choosing a project
- Requirements and planning
- Review with mentor

3.2 Building & presenting

- Building the project
- Testing and improving
- Final presentation