



IntelliMindz



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ABOUT INTELLIMINDZ

Intelli Mindz is a leading training institute specialized in providing both Online and Classroom training for Software Development, App Development, Web Development and Much more. Our training programs are structured in such a way that trainees will get 100 % practical and hands-training. We offer more than 100 courses with real-time experienced trainers who have more than a decade of experience in the respective industry.



IntelliMindz's purpose is to transform access to education. Develop Your Python Skills with IntelliMindz. Acquiring Python skills puts you on a flourishing career path. Master the basics of Python with our Python Course. This full set of Python training is framed full of real-world examples and practical exercises to help you turn knowledge into action. Improving your Python knowledge can help you find a profession, get promoted, or begin a perfect new career. Use this Python training program as the bridge of your Python career. Start your Python journey today by enrolling in our course and get certified.

Syllabus of Python Training

MODULE 1: INTRODUCTION

- What's python?
- Why do people use python?
- History
- What's python good and bad for?
- The compulsory features list
- Python portability
- Summary: why python?

MODULE 2: USING THE INTERPRETER

- How to Run the Python Script
- Configuration Details
- Using different IDE
- The Idle Interface
- Other Python Ideas
- Time To Start Coding
- Exercise and Lab Session 1

MODULE 3: TYPES AND OPERATORS

- A First Pass
- Numbers
- Dynamic Typing Interlude
- Sets
- Strings
- Lists
- Dictionaries
- Tuples
- General Object Properties
- Exercise and Lab Session

MODULE 4: BASIC STATEMENTS

- General Syntax Concepts
- Expressions
- Print
- If Selections
- Python Syntax Rule
- Documentation Sources Interlude
- Truth Tests
- While Loops
- Break, Continue, Pass, And The Loop Else
- For Loops
- Comprehensions And Iterations
- Loop Coding Techniques
- Comprehensive Loop Examples
- Basic Coding Gotchas
- Preview: Program Unit Statements
- Exercise and Lab Session 3

MODULE 5: FUNCTIONS

- Function Basics
- Scope Rules In Functions
- More On Global(And “Nonlocal”), Return and Argument Passing
- Special Argument Matching Modes
- Odds And Ends
- Generator Expressions And Functions
- Function Design Concepts
- Functions Are Objects: Indirect Calls
- Function Gotchas
- Optional Case Study: Set Functions
- Exercise and Lab Session 4

MODULE 6: MODULES

- Module Basics
- Module Files Are A Namespace
- Name Qualification
- Import Variants
- Reloading Modules
- Package Imports
- Odds And Ends
- Module Design Concepts

- Exercise and Lab Session 5

MODULE 7: CLASSE

- Oop: The Big Picture
- Class Basics
- A More Realistic Example
- Using The Class Statement
- Using Class Methods
- Customization Via Inheritance
- Specializing Inherited Methods
- Operator Overloading In Classes
- Namespace Rules: The Whole Story
- Oop Examples: Inheritance And Composition
- Classes And Methods Are Objects
- Odds And Ends
- New Style Classes
- Class Gotchas
- Optional Case Study: A Set Class
- Summary: Oop In Python
- Exercise and Lab Session 6

MODULE 8: EXCEPTIONS

- Exception Basics
- First Examples
- Exception Idioms
- Exception Catching Modes
- Class Exceptions
- Exception Gotchas
- Exercise and Lab Session 7

MODULE 9: BUILT-IN TOOLS OVERVIEW

- The Secret Handshake
- Debugging Options
- Inspecting Name-Spaces
- Dynamic Coding Tools
- Timing And Profiling Python Programs
- File Types And Packaging Options
- Development Tools For Larger Projects
- Summary: Python Tool-Set Layers
- Exercise and Lab Session 8

MODULE 10: SYSTEM INTERFACES

- System Modules Overview
- Running Shell Commands
- Arguments, Streams, Shell Variables
- File Tools
- Directory Tools
- Forking Processes
- Thread Modules And Queues
- The Subprocess And Multiprocessing Modules
- Ipc Tools: Pipes, Sockets, Signals
- Fork Versis Spawnv
- Larger Examples
- Exercise and Lab Session 9

MODULE 11: DATABASES AND PERSISTENCE

- Databases and Persistence
- Create, Read, Update and Delete in Python Script
- CSV to Database
- Database to CSV
- Exercise and Lab Session 10

MODULE 12: TEXT PROCESSING

- Regular Expressions
- Search and match Functions
- Exercise and Lab Session 11

MODULE 13: INTERNET SCRIPTING

- Using Sockets In Python
- The Ftp Module
- Email Processing
- Other Client-Side Tools
- Building Web Sites With Python
- Writing Server-Side Cgi Scripts
- Lab Session 11