



PYTHON TRAINING ONLINE

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- > 100% Hands on classes
- > Faculty will provide work environment
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- > Free Self-Learning Videos
- > Real-time Working Faculty
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MAIN TOPICS



SUBTOPICS



Practice Training

Life Time Free Library Access *

Chapters	Chapter Name	S.No	Topic Name
1	About Python	1	Why Python & Its Features
		2	What is Python(Script,Language)
		3	Basics Installations(Install,Path)
		4	How to Write Python(PyShell,File)
		5	String Manipulation
2	Tokens in Python	1	Data Types & Type Conversions
		2	Immutable & Mutable Types
		3	Keywords, Features of Python
		4	Operators(Arithmetic,Relational,Logical)
		5	Operators(Sequential Logical)
3	Statements	1	Input/Output Statements(print,raw_input & input)
		2	Conditional Statements(if,switch)
		3	Looping Statements(while, for,range,xrange)
		4	Seq.Ctrl Statements(pass,break,continue)
		5	List Comprehensions(Conditional,Looping)
4	Collections & DS	1	Lists
		2	Tuples
		3	Sequences
		4	Dictionary
		5	Set
		6	Linked List Implementation
		7	Stack Implementation
		8	Queue Implementation
5	Functions	1	Local & Global variables
		2	Default Argument Values
		3	Returning Values
		4	Keyword & Positional Arguments
		5	Arbitrary Argument Lists
		6	Unpacking Argument Lists
		7	Documentation Strings
		8	Ref & Out
6	Lambda In Python	1	Expression and Syntax
		2	Reduce(Concept, Incrementor,sort)
		3	Map(Concept & Examples)
		4	Filter(Concept & Examples)



7	OOPs	1	Why OOPs
		2	Classes & Objects
		3	Encapsulation & Abstraction
		4	Inheritances(Concept,Types)
		5	Polymorphism(Basics & Types)
		6	Polymorphism(Function Overriding)
		7	Polymorphism(Operators Overloading)
8	Exception Handling	1	What is Exception?
		2	Handling an exception
		3	try....except...else
		4	try-finally clause
		5	Argument of an Exception
		6	Python Standard Exceptions
		7	Raising an exceptions
		8	User-Defined Exceptions
9	Regular Expressions	1	What are regular expressions?
		2	The match Function
		3	The search Function
		4	Matching vs searching
		5	Search and Replace
		6	Extended Regular Expressions
		7	Wildcard
10	Modules & Packages	1	Concept of Module & Packages
		2	User Define Modules
		3	Calling Predefine Modules
		4	dir,help,logging & debugging Python
11	Installation & Configurations	1	Package Manager Installation
		2	Anaconda & Environments
		3	pip configurations
12	Decorators & Generators	1	Concepts & Need of Decorators
		2	Generators
13	Web API(Flask)	1	Static Rendering
		2	Dynamic Rendering
		3	Static Json
		4	Querying Json
14	SQLite Database	1	Database,Flat File System
		2	Query Language(SQL and NoSQL)
		3	SQLite Architecture
		4	Creating Database,Design Schema
15	Cloud,Database & Web Servers	1	Real Time Project Requirements & Design
		2	SQLite + Json +Flask App Design
		3	Cloud Flask Web API with Database Server

16	Docker+AWS+Interview QnA	1	Application Migration into Containerization
		2	Complete Interview Questions with Solutions
		3	AWS Cloud Computing Used for Python

Enroll For Python Course: [Python Training \(click here\)](#)



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WITH REAL TIME SCENARIOS

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