"Committed to provide a delightful learning experience"

Course: Python Programming

Tools used: Python
Duration: 15 hours (Online)
Pre-requisite: Desire to learn coding and logical thinking
Course Fee: INR 6000 only
Timings: 10 am – 1 pm, IST, (Saturday & Sunday)

"Learning to write programs stretches your mind, and helps you think better, creates a way of thinking about things that I think is helpful in all domains."—Bill Gates

From the desk of Co-Founder & CEO

"Triumphant Greetings,

Want to be a thinker whose ideas can be implemented? You need a workable plan. This we hear as a common man! Come to Analytics, Data Science, Machine Learning, AI we need a programming language and by default that is 'Python'.

This course is designed for novice learners from any background making them confident in the basics of Python Programming. Some advance topics like 'Text Processing' makes this this course unique in terms of coverage.

Wishing you a delightful learning experience.

Dr Vinod"

Course Structure

	Content in brief
Module 1	Advantages & Disadvantages of Python Language, Python Key Words, Comments in Python, Multiple line comments, Assignment Operator & Variables, Multi-name variable, Console in Python, Indentation, Escape Characters.
Module 2	Typecasting the input to integer/float/string, Data types, Lists, List Manipulation, List of Lists, Tuples, Dictionaries, Adding Deleting values in Dictionary, Sets.
Module 3	Python Conditions & If statements, elif & else condition, Multiple else statements, Logical Operators – AND, OR, NOT, Logic Gates – NOR, NAND, XOR, XNOR
Module 4	Pass statement, While & For loops, Break & Continue statement, User Defined Functions, Lambda Functions.
Module 5	're' library, Matching, Searching, Finding in text or string based on choices, Extracting each Letter or Word, Substitution, Splitting, Joining, Stripping, 'string' library, Reversing a string

Key Features of the Pedagogy

1. Instructions for downloading & installing Jupyter will be provided by the trainer.
2. All concepts will be explained with the help of examples and commands in Python will be demonstrated in sessions by the trainer.
3. All sessions will be intensively interactive and participants will be encouraged to ask questions.
4. Trainer can be approached after the sessions also for technical queries.