Profile Information:

Name- Atul Pal

Training Quotations:(Python Training)

Description: Here I used to provide the tuition and training for the student who are willing to perform best of them in python. I am providing the concept with the hand's on with theory knowledge as well.

Main Content: Content will be oriented according to the student capability.

Faculty: Atul Pal

Duration: 3 to 6 months (based on the material and student capability)

Training Curriculum:
Basic Python

- **An Introduction to python**
- **Beginning Python Basics-**Print Statement, Comments, Data Types, String operation, Simple Input and output, Output formatting, Operations in python
- **Python Program Flow-**Indentation, if Statement and its related statement, while loop, for loop, range statement, Break and continue statement, Examples
- **Function and module-** Built-in function and user defined function, lambda function, function parameter, Variable argument, Exercises with functions
- **Exception Handling: T**ry, Except, else and finally block, handling multiple exception.
- **Data Structure:** list, tuple, dictionary, set and frozen set, array
- **file Handling: file** handling mode, Reading file, with statement.
- **Classes in python**: Creating classes, Instances methods, Inheritance.

Advance Python (Visualization)

- **Libraries-** NumPy, Pandas and Series Data Frame, Matplotlib, Seaborn.
- **Plotting -**Line Plot, Histogram, Boxplot, Bar plot, Pie chart, Swarn plot, Scatter plot, plot.

Data Science (Basic)

- **Statistics-** Statistical Analysis (Mean, median, mode, Standard Deviation, Variance, Interquartile Ranges, Normalization, outliers Concept,
- **Distribution:** Normal Distibution, Hypothesis Testing Concept
- **Probability:** Basic Probability, Theorems on probability

Projects

- Web scrapping of webpages
- Sentimental Analysis by using python