

Training Day 1 Report

Date: 18 June 2025

The first day of the Data Science Course started with the “Python Modules”. The session bridged the concepts of “Introduction with Python” helping participants to get to know about the python programming language and its fundamentals, applications and other uses. The trainer emphasized practical understanding, consistent practice, and clarity of core concepts for efficient learning.

1. ****Getting Started with Python: ****

The class start with “What is Python” and “What can Python do?” making it easy for the participants to get a recap or an easy start to know more about the language. Then we get to know about the platforms where we can run python like Anaconda, PyCharm/ VS Code, Sublime/ Atom/Vim, Terminal/ Command Line, Jupyter Notebook, Google Collab.

The setup and installation process of Python also conducted to make easy for the participants.

2. ****Ways to use the print function for displaying the output**** print() function in python helps us to display the output or the information we want to show the user. There are different ways in which we can use the print() function for displaying our output:

- To display a string message as it is by using print.
`print(“welcome to my class”`
- To display value of a variable by using print `a=100`
`print(a)`
- To display value of variables along with string message
`a=100`
`print(‘Value of a is”, a)`

3. ****Some important key points****

After setting up the python IDLE and learning about the platform, some important key points were discussed for smooth learning about the python concepts. Variables were discussed, their naming rules. Keywords were introduced and their functions were discussed. A new function `input()` function is introduced for the user to give the values to the computer. Different data types are taught for the syntax and converting one data type to another data type i.e. Type Conversion are also practiced.

4. ****Practice Questions ****

After all the required concepts were taught, the trainer gives us the questions for practice. Some basic questions related to the today’s concepts like using the `print()` function, converting various data types from one to another, basic addition, subtraction, multiplication and division questions.

At last, some doubts were discussed with the trainer by the students regarding the practice questions.