

## **Training Day 4 Report**

**Date:** 25 June 2025

The fourth day of the Data Science course starts with more practice of functions in python. The session bridged with more functions and classes in python were introduced in the session. The trainer emphasized practical understanding, consistent practice, and clarity of core concepts for efficient learning.

### **\*\*Classes (OOPS)\*\***

Lambda function was discussed then classes in python were introduced during the session. Classes are a concept of object oriented programming in which there are class, object, constructor, self, method, encapsulation, inheritance, polymorphism. Object oriented programming is widely used in many programming languages because it is safe and secure. Data hiding is very easy so that the programmer can hide the sensitive information of the program and only the relative information is visible to the user to run the necessary program.

Import function is discussed also including the pip install option.

### **\*\*Practice Questions\*\***

Questions were practiced during the session and all types of problems related to the classes and strings are solved. By importing various modules in the python, we have made the classes and objects in the program very efficiently.

At last, the doubt and revision session was held to clear the doubts of the participants by the trainer regarding the session.