

# Training Day 3 Report

**Date:** 25 June 2025

## Overview:

The third session of the AI/ML training at Sensations Software Technology introduced **input/output operations** and **conditional statements** in Python. These concepts are vital for building interactive and decision-driven programs, which are foundational in AI logic and control flow

## Topics Covered:

1. Taking Input from User
2. Printing Output
3. Conditional Statements (`if`, `elif`, `else`)

## Details:

### 1. Input and Output in Python:

- `input()` is used to take user input as a string.
- `print()` is used to display output.

## Examples:

```
name = input("Enter your name: ")  
print("Hello", name)
```

### 2. Conditional Statements:

These are used to perform different actions based on different conditions.

## Syntax:

```
if condition:  
    # code block  
elif another_condition:  
    # code block  
else:  
    # code block
```

**Example:**

```
marks = int(input("Enter your marks: "))
if marks >= 90:
    print("Grade A")
elif marks >= 75:
    print("Grade B")
else:
    print("Grade C")
```