Training Day 1 Report

Date: 23 June 2025

Overview

The first session of the AI/ML training at Sensations Software Technology began with a basic introduction to Python programming. Python was introduced as a powerful, simple, and versatile language widely used in AI and machine learning.

Topics Covered

1. Introduction to Python

Details

Python is a high-level, interpreted programming language known for its clean and readable syntax. It supports multiple programming paradigms and has a large ecosystem of libraries, making it ideal for data science and AI.

Features of Python

- Easy to learn and use

- Open-source and community-driven

- Extensive libraries (NumPy, pandas, scikit-learn, etc.)

- Interpreted and dynamically typed

- Supports object-oriented, procedural, and functional programming

Sample Python Code:

```python
print("Hello, World!")
```

Hands-On Tasks

- Installed Python and printed a basic greeting message using `print()`

Learning Outcome

Understood the basics of Python and its importance in AI/ML development.