Date: 29/ 04/2024

Assignment 1

1. Define Artificial Intelligence (AI) and provide examples of its applications.
2. Differentiate between supervised and unsupervised learning techniques in ML.
3. What is Python? Discuss its main features and advantages.
4. What are the advantages of using Python as a programming language for AI and ML?
5. Discuss the importance of indentation in Python code.
6. Define a variable in Python. Provide examples of valid variable names.
7. Explain the difference between a keyword and an identifier in Python.
8. List the basic data types available in Python.
9. Describe the syntax for an if statement in Python.
10. Explain the purpose of the elif statement in Python.