

Assignment 02

Machine Learning and AI vs. Human Brain

Total Marks: 10

Question 1: Short Answer Question (5 Marks)

- Explain the difference between supervised and unsupervised learning in machine learning.
- Provide one real-life example for each type of learning.

Grading Criteria:

- Clear explanation of supervised and unsupervised learning (2 marks).
- Relevant real-life examples for each type of learning (2 marks).
- Clarity and coherence of the response (1 mark).

Question 2: Creative Thinking Question (5 Marks)

- Imagine you are designing an AI system to help students in your school. Describe one task the AI could perform and explain how it would use machine learning to improve over time.
- Include details about the type of data the AI would need and how it would learn from its mistakes.

Grading Criteria:

- Creativity and relevance of the AI task (2 marks).
- Explanation of how the AI would use machine learning (2 marks).
- Clarity and structure of the response (1 mark).

Instructions for Submission:

1. Write your answers in a document.
2. Ensure your responses are clear, concise, and well-organized.
3. Submit your assignment before the deadline.