

Name _____

Machine Learning Unraveled: Teaching Computers to Learn Like Humans

Multiple Choice Questions

1. What is Machine Learning primarily concerned with?
 - a) Programming computers to follow instructions.
 - b) Teaching computers to learn and improve from experience.
 - c) Designing robots that can think like humans.
 - d) Building faster and more powerful computers.

2. What is the role of data in Machine Learning?
 - a) Data is not required in Machine Learning.
 - b) Data is used to clean the computer's memory.
 - c) Data helps ML algorithms learn and make predictions.
 - d) Data is used to program the computer.

3. What happens during the training phase of Machine Learning?
 - a) The computer is repaired and maintained.
 - b) The algorithm identifies patterns in data and adjusts its parameters.
 - c) The computer is prepared for storage.
 - d) The algorithm generates random predictions.

4. Why is testing and evaluation important in Machine Learning?
 - a) It helps clean the data.
 - b) It ensures the model can make accurate predictions with new data.
 - c) It prepares the model for deployment.
 - d) It speeds up the training process.

5. Which of the following is NOT mentioned as an application of Machine Learning in the passage?
 - a) Image Recognition
 - b) Recommendation Systems
 - c) Gardening
 - d) Healthcare

