ACTIVITY #1
Type of activity: Multiple Choise

1. What is one of the critical advantages of deep learning mentioned in the text?
A. Requires explicit instructions or labels
B. Relies on shallow algorithms
C. Learns patterns from large amounts of data
D. Is easy to interpret

2. Which type of learning involves using both labeled and unlabeled data to train a model?
A. Supervised learning
B. Unsupervised learning
C. Reinforcement learning
D. Semi-supervised learning

3. What is a limitation of deep learning mentioned in the text?
A. Requires small amounts of data for training
B. Easy to interpret
C. Complex and difficult to interpret
D. Primarily used for shallow datasets

4. Which application area involves systems that can process, recognize, and interpret visual data?
A. Natural Language Processing
B. Generative Modeling
C. Computer Vision
D. Clustering

5. What is a primary reason why deep learning is considered necessary?

A. Limited ability to handle unstructured data

B. Inability to model complex relationships

C. Difficulty in learning from large amounts of data

D. Ability to model and learn complex relationships.