DATA SCIENCE ASSIGNMENT

Day - 43:

1. Which machine learning task involves predicting a target variable that is continuous and can take any numeric value?

2.In which type of learning does an agent make decisions sequentially, receiving feedback in the form of rewards or penalties?

3.Which algorithm is commonly used for hierarchical clustering in unsupervised machine learning?

4. Describe the silhouette score and how it can be used to evaluate the quality of clustering.

5. . Develop a simple Python script to simulate a basic reinforcement learning environment.