1)Explain Maximum Likelihood and Least Squared Error Hypothesis.

2)Short note on Maximum Likelihood Hypothesis for predicting probabilities.

3)What is Minimum Description Length Principle.

4)Explain EM Algorithm with diagram.

5)Explain Gibbs algorithm

6) What are the different applications of clustering ?

7) K-means clustering algorithm and problems.

8)Explain DBSCAN with the code.

9)Explain Clustering algorithms.

10)Briefly explain GMM with diagram and code.

11)What are the other Anomaly and Novelty detection algorithms.

12) What is reinforcement learning

13) Explain MDP ,Learning Task,Q Function with the help of diagram.