Imp questions for pue

short type

List out different types of learning.

Explain issues in machine learning.

Discuss Perceptron in ANN.

Discuss Ginni Index.

Discuss significance of Naïve in Naïve Bayes Classifier.

Discuss why KNN algorithm called lazy algorithm.

Discuss one point crossover with example.

Define learning in context of machine learning.

Explain issues in machine learning.

Discuss role of activation function in ANN.

Discuss Entropy with example.

Discuss significance of Naïve in Naïve Bayes Classifier.

Discuss why a algorithm called lazy algorithm.

Discuss crossover with example.

Explain the concept of general-to-specific ordering of hypotheses in machine learning. How does this order help in hypothesis space search? Provide an example to illustrate the concept.

Long type.

Discuss different activation function ..

Discuss Bayesian belief network.

Discuss The Mistake Bound Model of Learning

Discuss why genetic programming so important.

Explain the Candidate Elimination algorithm and its significance in hypothesis space search. How does it maintain consistency with both positive and negative training examples? Illustrate with an example.

Explain designing process of a learning system and issues in machine learning.

Explain working mechanism of decision tree algo. List out advantages and disadvantages of algorithm

Explain the backpropagation algorithm. Discuss its working mechanism, mathematical formulation, advantages, disadvantages, and common use cases.

Explain Naïve Bayes Classifier &working mechanism with suitable example.

Explain KNN Algorithm with suitable example. State its limitations.

Explain sample Complexity for Finite and Infinite Hypothesis Spaces

Explain KNN Algorithm with suitable example. State its limitations

Explain different types of cross over with example. How mutation helps in getting optimized solution.

Explain Reinforcement learning & its advantages and disadvantages