Question Bank

|  |
| --- |
| 1. Define Bias and Variance. |
| 1. What is the structure of Learning? |
| 1. How to make predictions in Linear regression? |
| 1. What is NO-Free Lunch theorem? |
| W 5. What do you mean by stopping criterion in CART? |
| 6.What are the libraries used to do visualization? |
| 7.Explain the Framework of inductive learning. |
| 8.Define Training set and Test set. |
| 9.Define Overfitting and Underfitting. |
| 10.What is Aggregation? |
| 11.Give any 3 applications of ML. |
| 12.Define: Gini cost. |
| 13.What do you mean Gradient Descent? |
| 14.Explain limit overfitting. How to handle the sequence? |
| 15.How Random forest using ML can influence the efficiency of the algorithm? |
| 16.How do you check the accuracy in ML model. |
| 17.Can ML increase the predictions efficiency? Justify your answer. |
| 18.Give the formula for finding the prediction values? |
| 19.How Precision and Recall calculated in ML? |
| 20.How CART model can be created from DATA? |
| 21.How errors are calculated in Linear Regression? |
| 22.Explain Tree Pruning. |
| 23.Explain in detail the Learning methods of ML. |
| 24.How Non-linear algorithm different from Linear algorithm? |
| 25.Explain Generalization in ML. |
| 26.What are the libraries used to do visualization? |
| 27.Explain Linear Regression Model. |
| 28.Define Training set and Test set. |
| 29.Define Overfitting and Underfitting. |
| 30.What is Aggregation? |
| 31.Give any 3 applications of ML. |
|  |
| 33.Give the formula for finding the prediction values? |
| 34.How Precision and Recall calculated in ML? |
| 35.How CART model can be created from DATA? |
| 36.How errors are calculated in Linear Regression? |
| 37.Explain Tree Pruning. |
| 38.How ML and AI are coordinated? |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |