

## **ML Internals (Question Bank)**

1. What is the difference between supervised and unsupervised learning? Provide examples of each.
2. What are the key steps involved in building a machine learning model?
3. Explain the concept of a confusion matrix and how it is used to evaluate model performance.
4. What are precision, recall, and F1-score, and how do they relate to each other?
5. What is model ? Explain various types of machine learning models
6. Describe the process of feature selection and its importance in model building.
7. Write a note on AUC and ROC.
8. Explain the difference between a classification and a regression problem.
9. Bias and Variance
10. Explain linear regression with suitable example (code)
11. Logistics regression
12. Decision tree(entropy, variance, information gain , gini index, gain ratio )
13. K nearest neighbour