1. What is machine learning?
2. List out any 3 applications of Machine learning?
3. Describe over fitting & underfitting
4. Compare bias and variance?
5. Define SVM?
6. State the primary purpose of Linear Discriminant Analysis (LDA)?
7. List out ensemble methods?
8. Define an unbalanced data set?
9. Explain Mean Squared Error (MSE)?
10. Define AUC?
11. List the types of Regression?
12. Name the applications of SVM?
13. Describe ensemble learning?
14. Explain parametric and non-parametric learning in machine learning.
15. Demonstrate precision, recall in confusion matrix with an example.
16. Differentiate classification and regression tasks with examples?
17. Define reinforcement learning? Explain its detailed concepts?
18. Explain the mathematical formulation of logistic regression and how it differs from linear regression
19. Explain principal component analysis?
20. Explain the Decision tree algorithm?
21. Discuss about Linear regression?
22. Discuss supervised and unsupervised learning and give two examples?
23. Illustrate the working of KNN algorithm?
24. Explain Naive Bayes classifier
25. Explain elaborately about Support vector machine