Data Science Interview Questions

1. What is Data Science? List the difference between supervised and unsupervised learning.
2. What is selection bias?
3. What is a bias-variance trade-off?
4. In your choice of language, write a program that prints the numbers ranging from 1 to 50.
5. What is a confusion matrix?
6. Describe Markov chains?
7. What do you understand by true and false positive rates?
8. Why R is used in Data Visualization?
9. What is the ROC curve?
10. What are dimensionality reduction and its benefits?
11. How do you find RMSE and MSE in a linear regression model?
12. How do deal with unbalanced binary classification?
13. What is the difference between a box plot and a histogram?
14. What does NLP stand for?
15. Walkthrough the probability fundamental?
16. Describe different regularization methods, such aa L1 and L2 regularization?
17. How should you maintain a deployed model?