Frehsers Data Science Interview Questions

Data Science Interview Questions for Frehsers

1. What is Data Science?
2. What are the different stages of a Data Science project lifecycle?
3. What is the difference between supervised and unsupervised learning?
4. Explain the Bias-Variance tradeoff.
5. What is overfitting, and how do you prevent it?
6. What is feature engineering, and why is it important?
7. Can you explain the difference between classification and regression?
8. What is the purpose of exploratory data analysis (EDA)?
9. What evaluation metrics would you use for a classification problem?
10. Can you explain the concept of cross-validation?
11. What are the main steps involved in preprocessing textual data for natural language processing (NLP) tasks?
12. Walk me through a personal data science project you've done.
13. Explain the different types of data (structured, unstructured, semi-structured)
14. How would you handle a situation where your data has missing values?
15. How would you explain Gradient Descent concept to someone with no technical background?