# Question Analysis Report

1. what is the significance of data structures in programming?

Frequency: 4

2. what are the key differences between http and https?

Frequency: 4

3. what are the different types of machine learning?

Frequency: 3

4. what is the role of metadata in databases?

Frequency: 1

5. what are the different types of network topologies?

Frequency: 1

6. how does garbage collection work in programming?

Frequency: 1

7. how does a load balancer improve server performance?

Frequency: 1

8. how does a compiler differ from an interpreter?

Frequency: 1

9. how does a dns server work?

Frequency: 1

10. what is the difference between nosql and sql databases?

Frequency: 1

11. what are the different types of cybersecurity threats?

Frequency: 1

12. what are the differences between a microprocessor and a microcontroller?

Frequency: 1

13. what is the role of devops in software development?

Frequency: 1

14. what is the function of an operating system kernel?

Frequency: 1

15. what are the advantages of cloud computing?

Frequency: 1

16. how does a hashing algorithm work?

Frequency: 1

17. what is the importance of version control systems?

Frequency: 1