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Database Interview Questions

List of Top RDMS and NOSQL Databases

Q1. What is a Database?

The **database** is a collection of the organized structure of data that is store in electronic form on computers and controlled by a database management system software.

Q2. For what databases are used?

Databases are used for storing and retrieving and manipulation of data.

Q3. What is Database server?

A **database server**, as defined by the client-server model, is a server that houses a database application that provides database services to other computer programs or computers. A database management system (DBMS) has database data creation and management software. These provide users and people who are programming the right way to collect, manage, update and create data.

Q4. What is Database management software?

Database management software that helps to keep the data safe and secure in that software. These tools help reduce data redundancy and maintain data efficiency and data transmission. Some of them are open-source, some with specific features are commercial.

Q5. List major functions of a database?

Major functions performed by a database are **concurrency, security, backup and recovery, integrity and data descriptions**.

Q6. What are different types of Databases?

Below are list of different types of databases available for use

- Centralised database

- Distributed database
- Personal database
- End-user database
- Commercial database
- NoSQL database
- Operational database
- Relational database

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