



SQL and MySQL

INTERVIEW QUESTIONS



- What is SQL, and why is it important?
- Explain the difference between DELETE, TRUNCATE, and DROP.
- What are the different types of SQL statements?
- What is a primary key?
- Define foreign key.
- Explain the concept of normalization and its types.
- What is denormalization?
- What are constraints in SQL?
- Define an index in SQL and its types.
- What is the difference between WHERE and HAVING clauses?
- What are joins in SQL? Explain their types.
- What is the difference between INNER JOIN and OUTER JOIN?
- How do you fetch duplicate records from a table?
- How do you delete duplicate records from a table?
- What is a subquery? Provide an example.
- What is the difference between correlated and non-correlated subqueries?
- How do you use the GROUP BY clause?
- What is a view in SQL?



- How do you update data in a table?
- What is the difference between UNION and UNION ALL?
- What is MySQL and why is it used?
- How do you connect to a MySQL database using the command line?
- How do you create a new database in MySQL?
- How do you list all databases in MySQL?
- How do you select a specific database to use?
- How do you create a new table in MySQL?
- How do you list all tables in the current database?
- How do you describe the structure of a table?
- How do you insert data into a table?
- How do you retrieve all records from a table?
- How do you update existing records in a table?
- How do you delete records from a table?
- How do you add a new column to an existing table?
- How do you modify an existing column in a table?
- How do you remove a column from a table?
- How do you create an index on a table?
- How do you drop an index from a table?
- How do you import data from a .sql file?



- How do you export a database to a .sql file?
- What is a stored procedure and how do you create one?
- How do you create a trigger in MySQL?
- Explain how to use transactions in MySQL.
- How do you create a view in MySQL?
- How do you grant privileges to a user?
- How do you revoke privileges from a user?
- How do you backup a MySQL database using the command line?
- How do you restore a MySQL database from a backup file?
- Explain the use of the EXPLAIN statement in MySQL.
- How do you perform a full-text search in MySQL?





Thank You !

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