

Interview Questions

Q 1. What is a Primary key? (L&T)

- A Primary key is a column (or collection of columns) or a set of columns that uniquely identifies each row in the table.
- Uniquely identifies a single row in the table
- Null values not allowed

Q 2. What is a Unique key? (Persistent)

- Uniquely identifies a single row in the table.
- Multiple values allowed per table.
- Null values allowed.

Q 3. What is a Foreign key in SQL? (Mastercard)

- Foreign key maintains referential integrity by enforcing a link between the data in two tables.
- The foreign key in the child table references the primary key in the parent table.
- The foreign key constraint prevents actions that would destroy links between the child and parent tables.

Q 4. What is a View? (BAJAJ)

A view is a virtual table that consists of a subset of data contained in a table. Since views are not present, it takes less space to store. Views can have data of one or more tables combined and it depends on the relationship.

Q 5. What are Views used for? (AMAZON)

A view refers to a logical snapshot based on a table or another view. It is used for the following reasons:

- Restricting access to data.
 - Making complex queries simple.
 - Ensuring data independence.
 - Providing different views of the same data.
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