

4. Foreign Key (Foreign Key) Constraints

Foreign key constraints are used to enforce referential integrity between two tables. They ensure that a value in one table matches a value in another table.

1. Foreign key constraints are used to enforce referential integrity between two tables.
2. Foreign key constraints (referential integrity) ensure that a value in one table matches a value in another table.
3. Example: A table named `customer_id` has a foreign key constraint that references the primary key of a table named `customer`.

5. CHECK (CHECK) Constraints

Check constraints are used to enforce a specific condition on a column. They ensure that the data in a column meets a certain criteria.

1. Check constraints are used to enforce a specific condition on a column.
2. Example: A table named `customer_id` has a check constraint that ensures the value is greater than 18.

integrity constraints are used to

DBMS uses integrity constraints to ensure that the data in a database is accurate and consistent. These constraints are used to enforce rules that govern the relationships between data in different tables.

1. Primary key constraint: Constraints that ensure that a column contains unique values.
2. Foreign key constraint: Constraints that ensure that a column contains values that match a value in another table.
3. Check constraint: Constraints that ensure that a column contains values that meet a certain criteria.
4. Unique constraint: Constraints that ensure that a column contains unique values.

integrity constraints are used to ensure data integrity?

DBMS uses integrity constraints to ensure that the data in a database is accurate and consistent. These constraints are used to enforce rules that govern the relationships between data in different tables.

Primary Key constraint is used to

CREATE TABLE Students (student_id INT PRIMARY KEY, name VARCHAR(50), age INT);

Foreign Key constraint is used to

CREATE TABLE Orders (order_id INT PRIMARY KEY, customer_id INT, FOREIGN KEY (customer_id) REFERENCES Customers(customer_id));

Unique constraint is used to

ALTER TABLE Employees ADD CONSTRAINT unique_email UNIQUE (email);

Importance and Challenges

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Questions & Answers About integrity constraints in dbms in hindi

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