

SQL Cheat Sheet: CREATE TABLE, ALTER, DROP, TRUNCATE

Command	Status	Description	Example
CREATE TABLE	MySQL, DB2	MySQL: CREATE TABLE table_name (col1 datatype optional keyword, col2 datatype optional keyword, col3 datatype optional keyword, ...); DB2: CREATE TABLE table_name (col1 datatype optional keyword, col2 datatype optional keyword, col3 datatype optional keyword, ...);	MySQL: CREATE TABLE employee (employee_id char(2) PRIMARY KEY, first_name varchar(30) NOT NULL, mobile int); DB2: CREATE TABLE employee (employee_id char(2) PRIMARY KEY, first_name varchar(30) NOT NULL, mobile int);
ALTER TABLE - ADD COLUMN	MySQL, DB2	Option 1: ALTER TABLE table_name ADD column_name_1 datatype;... ADD COLUMN column_name_n datatype; Option 2: ALTER TABLE table_name ADD COLUMN column_name_1 datatype,... ADD COLUMN column_name_n datatype;	MySQL: ALTER TABLE employee ADD income integer; DB2: ALTER TABLE employee ADD income integer;
ALTER TABLE - ALTER COLUMN	MySQL	MySQL: ALTER TABLE table_name MODIFY column_name_1 new_data_type; DB2: ALTER TABLE table_name ALTER COLUMN column_name_1 SET DATA TYPE new_type;	MySQL: ALTER TABLE employee MODIFY mobile CHAR(10); DB2: ALTER TABLE employee ALTER COLUMN mobile SET DATA TYPE CHAR(10);
ALTER TABLE - DROP COLUMN	MySQL, DB2	MySQL: ALTER TABLE table_name DROP COLUMN column_name_1 ; DB2: ALTER TABLE table_name DROP COLUMN column_name_1;	MySQL: ALTER TABLE employee DROP COLUMN mobile ; DB2: ALTER TABLE employee DROP COLUMN mobile ;
ALTER TABLE - RENAME COLUMN	MySQL, DB2	MySQL: ALTER TABLE table_name CHANGE COLUMN current_column_name new_column_name datatype [optional keyword]; DB2: ALTER TABLE table_name RENAME COLUMN current_column_name TO new_column_name;	MySQL: ALTER TABLE employee CHANGE COLUMN first_name VARCHAR(250); DB2: ALTER TABLE employee RENAME COLUMN first_name TO name;
TRUNCATE TABLE	MySQL	MySQL: TRUNCATE TABLE table_name; DB2: TRUNCATE TABLE table_name IMMEDIATE;	MySQL: TRUNCATE TABLE employee; DB2: TRUNCATE TABLE employee IMMEDIATE ;
DROP TABLE	MySQL, DB2	MySQL: DB2: DROP TABLE table_name ; Use the DROP TABLE statement to delete a table from a database. If you delete a table that contains data, by default the data will be deleted alongside the table.	MySQL: DROP TABLE employee ; DB2: DROP TABLE employee ;

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