10/6/24, 10:21 PM about:blank

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

Command	Syntax	Description	Example
CREATE TABLE	MySQL/DB2: CREATE TABLE table_name (col1 datatype optional keyword, col2 datatype optional keyword,col3 datatype optional keyword,, coln datatype optional keyword)	CREATE TABLE statement is to create the table. Each column in the table is specified with its name, data type and an optional keyword which could be PRIMARY KEY , NOT NULL , etc.,	MySQL/DB2: CREATE TABLE employee (
ALTER TABLE - ADD COLUMN	MySQL/DB2:		MySQL/DB2
	Option 1. ALTER TABLE table_name ADD column_name_1 datatypeADD COLUMN column_name_n datatype;	ALTER TABLE statement is used to add the columns to a table.	Option 1. ALTER TABLE employee ADD income
	Option 2. ALTER TABLE table_name ADD COLUMN column_name_1 datatypeADD COLUMN column_name_n datatype;		Option 2. ALTER TABLE employee ADD COLUMN income bigint;
ALTER TABLE - ALTER COLUMN	MySQL: ALTER TABLE table_name MODIFY column_name_1 new_data_type;	MySQL: ALTER TABLE MODIFY MODIFY clause is used with the ALTER TABLE statement to modify the data type of columns.	$MySQL; \ \mbox{ALTER TABLE employee MODIFY mobile } \\ \mbox{CHAR}(2\theta);$
	$DB2\mbox{:}$ ALTER TABLE table_name ALTER COLUMN column_name_1 SET DATA TYPE datatype;	Db2: ALTER TABLE ALTER COLUMN statement is used to modify the data type of columns.	DB2: ALTER TABLE employee ALTER COLUMN mobile SET DATA TYPE CHAR(20);
ALTER TABLE - DROP COLUMN	$MySQL/DB2{:} \ \mbox{ALTER TABLE table_name DROP} \\ \mbox{COLUMN column_name_1 ;}$	ALTER TABLE DROP COLUMN statement is used to remove columns from a table.	MySQL/DB2:
			ALTER TABLE employee DROP COLUMN mobile ;
ALTER TABLE - RENAME COLUMN	$MySQL: \texttt{ALTER TABLE table_name CHANGE COLUMN} \\ current_column_name new_column_name datatype \\ [optional keywords]; \\$	MySQL: ALTER TABLE CHANGE COLUMN CHANGE COLUMN clause is used to rename the columns in a table.	$MySQL; \mbox{ ALTER TABLE employee CHANGE COLUMN} \\ \mbox{first_name name VARCHAR(255);}$
	DB2: ALTER TABLE table_name RENAME COLUMN current_column_name TO new_column_name;	DB2: ALTER TABLE RENAME COLUMN statement is used to rename the columns in a table.	DB2: ALTER TABLE employee RENAME COLUMN first_name TO name;
TRUNCATE TABLE	MySQL: TRUNCATE TABLE table_name;	MySQL: TRUNCATE TABLE statement is used to delete all of the rows in a table.	MySQL: TRUNCATE TABLE employee;
	$DB2\hbox{: TRUNCATE TABLE table_name IMMEDIATE;}$	Db2: The IMMEDIATE specifies to process the statement immediately and that it cannot be undone.	$\mathrm{DB2:}\ TRUNCATE\ TABLE\ employee\ IMMEDIATE$;
DROP TABLE	MySQL/DB2DROP 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/DB2:
			DROP TABLE employee ;

Author(s)

Himanshu Birla Niveditha Pandith TS



about:blank 1/1