

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

Command	Syntax	Description
CREATE TABLE	<code>CREATE TABLE table_name (col1 datatype optional keyword, col2 datatype optional keyword, col3 datatype optional keyword,..., coln datatype optional keyword)</code>	<code>CREATE TABLE</code> statement is to create the table. Each column is specified with its name, data type and an optional keyword like <b>PRIMARY KEY</b> , <b>NOT NULL</b> , etc.,
ALTER TABLE - ADD COLUMN	<code>1. ALTER TABLE table_name ADD column_name_1 datatype....ADD COLUMN column_name_n datatype;</code> <code>2. ALTER TABLE table_name ADD COLUMN column_name_1 datatype....ADD COLUMN column_name_n datatype;</code>	<code>ALTER TABLE</code> statement is used to add the column.
ALTER TABLE - ALTER COLUMN	<code>ALTER TABLE table_name ALTER COLUMN column_name_1 SET DATA TYPE datatype;</code>	<code>ALTER TABLE ALTER COLUMN</code> statement is used to alter the columns.
ALTER TABLE - DROP COLUMN	<code>ALTER TABLE table_name DROP COLUMN column_name_1 ;</code>	<code>ALTER TABLE DROP COLUMN</code> statement is used to drop the column.
ALTER TABLE - RENAME COLUMN	<code>ALTER TABLE table_name RENAME COLUMN current_column_name TO new_column_name;</code>	<code>ALTER TABLE RENAME COLUMN</code> statement is used to rename the column.
TRUNCATE TABLE	<code>TRUNCATE TABLE table_name IMMEDIATE;</code>	<code>TRUNCATE TABLE</code> statement is used to delete all data from the table. <code>IMMEDIATE</code> specifies to process the statement immediately.
DROP TABLE	<code>DROP TABLE table_name ;</code>	Use the <code>DROP TABLE</code> statement to delete a table. If a table contains data, by default the data will be deleted.

## Author(s)

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## Changelog

Date	Version	Changed by	Change Description
2023-05-04	1.1	Benny Li	Formatting changes made
2021-07-27	1.0	Himanshu Birla	Initial Version