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



Command	Syntax	Description	Example
CREATE TABLE	<pre>CREATE TABLE table_name (col1 datatype optional keyword, col2 datatype optional keyword,col3 datatype optional keyword,..., coln datatype optional keyword)</pre>	<pre>CREATE TABLE</pre> 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.,	<pre>CREATE TABLE employee (employee_id char(2) PRIMARY KEY, first_name varchar(30) NOT NULL, mobile int);</pre>
ALTER TABLE - ADD COLUMN	<pre>ALTER TABLE table_name ADD COLUMN column_name_1 datatype....ADD COLUMN column_name_n datatype;</pre>	<pre>ALTER TABLE</pre> statement is used to add the columns to a table.	<pre>ALTER TABLE employee ADD COLUMN income bigint;</pre>
ALTER TABLE - ALTER COLUMN	<pre>ALTER TABLE table_name ALTER COLUMN column_name_1 SET DATA TYPE datatype;</pre>	<pre>ALTER TABLE ALTER COLUMN</pre> statement is used to modify the data type of columns.	<pre>ALTER TABLE employee ALTER COLUMN mobile SET DATA TYPE CHAR(20);</pre>
ALTER TABLE - DROP COLUMN	<pre>ALTER TABLE table_name DROP COLUMN column_name_1 ;</pre>	<pre>ALTER TABLE DROP COLUMN</pre> statement is used to remove columns from a table.	<pre>ALTER TABLE employee DROP COLUMN mobile ;</pre>