




## Which SQL statements are most commonly used?

### Must-know SQL Statements



	Create	Read	Update	Delete
 Database	<code>CREATE DATABASE name;</code>			<code>DROP DATABASE name;</code>
 Table	<code>CREATE TABLE name {   col_1 int,   col_2 varchar(255),   col_3 string, };</code>	<code>SELECT * from name WHERE col_1 = 2;</code>	<code>UPDATE name SET col_1 = 3 WHERE col_3 = "a";  INSERT INTO name VALUES (1,"a","b")</code>	<code>DELETE FROM name WHERE col_3 = "a";  DROP TABLE name;</code>
 Index	<code>CREATE INDEX index_name ON name (   col_1,   col_2, );</code>			<code>DROP INDEX index_name</code>

A database consists of three types of objects:

- Database
- Table
- Index

Each object type has four operations (known as CRUD):

- Create
- Read
- Update
- Delete

Therefore, there are a total of 12 categories of SQL statements. Some categories have been excluded from the graph because they are less commonly used. It is highly recommended that you become familiar with the remaining categories.

Over to you: I did not mention SQL statements related to transactions. In which categories do you think they should be included?