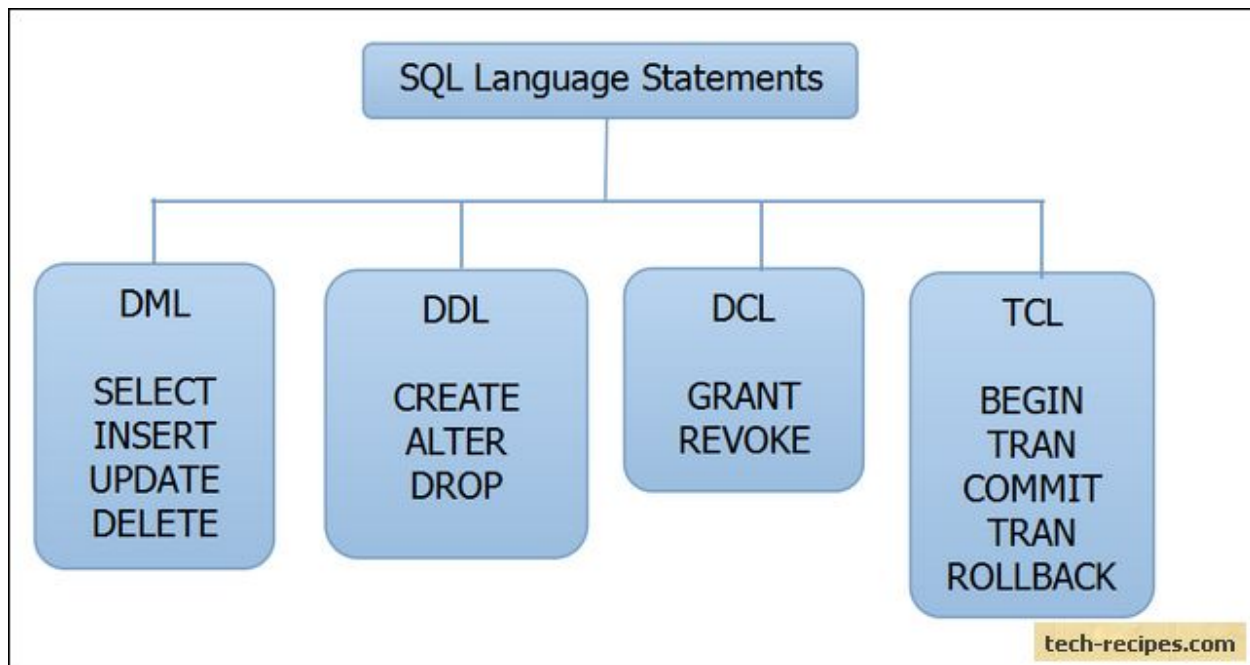


## SQL (Structured Query Language)



- CREATE
  - create database practise;
  - create table books (id int not null auto\_increment, author varchar(255), title varchar(255), publication\_year int, primary key(id));
- INSERT
  - insert into books values (8, 'David Baldacci', 'Camel Club', 2005);
- SELECT
  - select \* from books;
  - select \* from books where publication\_year < 2000;
- UPDATE
  - update books set publication\_year=2018 where id=1;
- DELETE
  - Delete books where id=1;
- LOAD
  - load data infile '/var/lib/mysql-files/books.csv' into table books fields terminated by ',' lines terminated by '\n';

Ref:

<https://stackoverflow.com/questions/32737478/how-should-i-tackle-secure-file-private-in-mysql>

- EXPORT
  - `select * into outfile '/var/lib/mysql-files/books_out.csv' FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' from books;`

Ref:

<https://stackoverflow.com/questions/467452/dump-a-mysql-database-to-a-plaintext-csv-backup-from-the-command-line>

- COPY TABLE DEFINITION
  - `create table books2 like books;`
- CREATE TABLE ON-THE-FLY
  - `create table books3 select * from books;`
- DROP
  - `drop table books;`
  - `drop database practise;`