



Apotheek

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- Initially by: dion dresschers - Downloaded 2020-03-16 [MySQL Cheatsheet](#)
- Adapted by: Dion Dresschers of Amsterdam UMC
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MySQL Cheat Sheet

Login

```
$ mysql -u dresschers -p          # Log in as 'dresschers' with password prompt
$ mysql -u dresschers -pdion      # Log in as 'dresschers' with password 'dion'
$ mysql -u dresschers -pdion db   # Log in and select database 'db'
```

Exit MySQL

```
mysql> exit
```

List users

```
mysql> select User,Host from mysql.user;
```

Create a new user

```
mysql> create user 'dresschers'@'localhost' identified by 'password';
```

List databases that are accessible for current user

```
mysql> show databases;
```

Change to a specific database

```
mysql> use db_name;
```

Show all tables in the current database

```
mysql> show tables;
```

Select 10 rows

```
mysql> select * from tbl_name limit 10;
```

Delete all rows from a table

```
mysql> delete from tbl_name;
```

Show column data types

```
mysql> show columns from tbl_name;
```

Count number of columns in table

```
mysql> select count(*)  
       from information_schema.columns  
       where table_name='tbl_name';
```

Create a new database (login to MySQL as root)

```
mysql> create database new_db;
```

Create table in new DB with schema of a table in an existing DB

```
mysql> create table new_db.tbl_name like old_db.tbl_name;
```

Create a table by defining all the columns manually

```
mysql> create table connected_devices (  
    ap_id            int,  
    device_mac       char,  
    timestamp        timestamp,  
    interface        varchar(255)  
);
```

Grant full DB access to another user

```
mysql> grant all on new_db.* to 'username'@'host'
```

Load data from a CSV file into a table

```
$ mysql --local-infile -u dresschers -p # Start MySQL with 'local infile' enabled
```

```
mysql> load data local infile 'file.csv' into table tbl_name  
fields terminated by ',' enclosed by '"';
```