

## SQL

- Language used to interact with MySQL database
- Includes command for CRUD

### Tables

- Data in MySQL is stored in the form of table
- Each table consist of row & column
- Row column defines the attribute of data
- 6 Row defines actual data

### Primary key

Unique key in each record  
Ensure data integrity & enable efficient data retrieval

### Foreign key

Establish relationship b/w tables  
Enforce referential integrity, ensuring that data remains consistent across related tables

~~Create data~~  
SQL Commands used in MySQL are

- |                        |                          |
|------------------------|--------------------------|
| <u>Create database</u> | - Create 'database' Mak; |
| <u>Delete database</u> | - Drop database          |
| <u>Select database</u> | - Use acme;              |

Create table - Create table Mayank (id Int, name varchar(20), Primary key(id)



Insert Row

Insert into users (name, email);

Select

Select \* from users

Select name from user;

Select \* From users where loc = "India";

Select \* From user where id > 5;

Delete Row — Delete from users where id = 6;

Update Row — Update users SET email = "mayank@gmail.com" where id = 2;

Order By

Select \* From users order by mayank ASC / DESC;

IN

Select \* from users where dept In ("design", 'sales');

NOT Like

Select \* from users where dept not like 'd/o';