

SQL DATA TYPES:

- Int

- Float

- Datetime

- Char.

- Varchar.

The above are sql data types it is used to specify the type of column's in the table based on requirement.

Employee Id → Int : 1234

Name → char. : XYZ

Salary → Int. : 20000

Address → Varchar. : HYD

Age → Int. : 24

Working day → float. : 2.5 (years).

Note: Use datatypes while creating table

SQL sub-language (DDL):

1. To create the table ^{file} follow the code

- CREATE DATABASE college; -- create college
- SHOW databases; -- shows any ^{file} database is present.

Note: --/ # are the comments not the code

2. > Before creating the table use the file of created one "college" code it as:

• USE college;

3.

> To create the table follow the below code.

• CREATE TABLE STUDENTS (

ID INT,

Name VARCHAR(30),

Age INT,

Branch VARCHAR(20),

Gender CHAR(6)

);

o/p:

ID	Name	Age	Branch	Gender
----	------	-----	--------	--------

4.

DML: (Data Manipulation Language);

To Insert the details in the school students follow the code

~~INSERT~~ TABLE

• INSERT INTO STUDENTS
VALUES (01, "XY2", 21, "Mech", "Male");

• INSERT INTO STUDENTS (Id, Gender)

VALUES (02, "female");

Note: specify the column names only you want to insert

• INSERT INTO STUDENTS

VALUES

(03, "zx", 22, "CS", "Male"),

(04, "xz", 23, "MS", "female");

Note: Insert multiple rows

O/P:

ID	Name	Age	Branch	Gender
01	xyz	21	Mech	Male
02	Null	Null	Null	female
03	zx	22	CS	Male
04	xz	23	MS	female

5.

Data query language (DQL):

If you want to select students database pass the query, follow this code:

• SELECT * FROM STUDENTS

LIMIT 2;