Database :

Datatbase is a collection of data in a format that can be easily accessed(digital).- search,add,delete

Generally our dbs will be in digital format, digitally get stored in computers

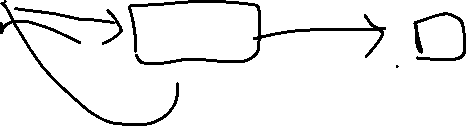
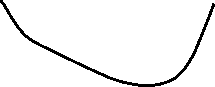
A software application used to manage our db is called dbms(database management system)

User don’t access db directly . instead it access with help of dbms

Dbms becomes a layer in middle,which is a software application

User will use dbms,and then dbms make those changes into db , and return back the results

users



So we use sql language to interact with dbms

**Types of Databases :**

1. Relational
2. Non – relational

Relational(or also known as rdbms) – data is stored in tables eg: mysql,oracle,Microsoft sql server, postgre sql

Non-relational- data not stored in tables ( nosql db)- these db doesn’t understand sql eg: mongodb,cassendra etc

Here in this course we concentrate on relational dbs , and we use mysql dbms. In this we create tables, insert,delete etc

**What is SQL?**

Structured query language

It is one of the language which is understood by computer ,and we use this language to interact with db

SQL is a programming language used to interact with relational dbs

It is used to perform CRUD operations :

Create

Read

Update

Delete

SQL is also known as SEQUEL

SEQUEL (Structured English Query Langauge) is the older name of SQL

SEQUEL given by ibm. Then later got name as SQL

MySQL installation:

<https://youtu.be/Sfvpgu9ID2Q?si=I5TTil5PSBcN8fP9>

Introduction:

What is mysql?

Is most popular