SQL QUERYS :

select distinct first\_name, last\_name from customers; ------🡪 unique valuses

select count( distinct first\_name) from customers; ------ > count

select \* from customers where age >30;

select \* from customers where age <>30 >>>>>>> NOT Equals

select \* from customers where age between 25 and 30;

select \* from customers where age in(22,31) >>>>> IN operation

select \* from customers order by age desc ;

select \* from customers order by first\_name desc, age asc; >>>>>>>>>>> Using both condition once

select \* from customers where age =31 and first\_name like'j'

select \* from customers where age =31 and first\_name like'j' and last\_name;

select \* from customers where first\_name ='david' and(age>22 or country ='usa'); >>>> IF YOU WANT TO USE THE BOTH AND OR AT A TIME YOU CAN USE THE BRACKET WRITE THE CONDITION INSIDE.

SELECT \* FROM CUSTOMERS WHERE AGE =18 OR COUNTRY='USA';

SELECT \* FROM CUSTOMERS WHERE AGE NOT BETWEEN 10 AND 30;

SELECT \* FROM CUSTOMERS WHERE AGE IS NULL; >>>>>> null Checl

UPDATE CUSTOMERS SET FIRST\_NAME ='KIRAN' , LAST\_NAME='PURINI' WHERE CUSTOMER\_ID=1;

DELETE FROM CUSTOMERS WHERE CUSTOMER\_ID=1;

SELECT \* FROM CUSTOMERS LIMIT 3

SELECT \* FROM CUSTOMERS ORDER BY AGE DESC LIMIT 1,1;

select max(age) from customers;

select min(age) from customers;

SELECT COUNT(\*) FROM CUSTOMERS WHERE AGE <25

SELECT COUNT(DISTINCT AGE) FROM CUSTOMERS WHERE AGE<28

SELECT \* FROM CUSTOMERS WHERE AGE IN(FIRST\_NAME, LAST\_NAME);

select \* from customer where status = 'active' in (first\_name, last\_name);

desc person; > show table structure.

**CREATE PRIMARY AND FOREIGN KEY TABLES**

CREATE TABLE Persons (  
    ID int NOT NULL PRIMARY KEY,  
    LastName varchar(255) NOT NULL,  
    FirstName varchar(255),  
    Age int  
);

CREATE TABLE Orders (  
    OrderID int NOT NULL,  
    OrderNumber int NOT NULL,  
    PersonID int,  
    PRIMARY KEY (OrderID),  
    CONSTRAINT FK\_PersonOrder FOREIGN KEY (PersonID)  
    REFERENCES Persons(PersonID)  
);

**INNER JOIN** : RETURN ONLY MATCHING RECORDS WILL RETURN

**mysql> SELECT FIRST\_NAME, LAST\_NAME, COMPANY\_NAME FROM PERSON JOIN COMPANY ON PERSON.PERSON\_ID=COMPANY.COMPANY\_ID;**

**LEFT JOIN : RETURN ONLY LEFT VALELU**

**mysql> SELECT FIRST\_NAME, LAST\_NAME, COMPANY\_NAME FROM PERSON LEFT JOIN COMPANY ON PERSON.PERSON\_ID=COMPANY.COMPANY\_ID;**