**Day 2 Hands On SQL Assignment**

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**Date: 5-11-2024**

**Create Table:**

use data\_engineering\_practice;

create table customers(

customer\_id int primary key,

name varchar(50),

email varchar(100),

password varchar(150)

);

**Insert operation:**

insert into customers (customer\_id, name, email, password)

values

(1,'Tushar Balakrishnan', 'tushar.bala@example.com', 'Tushar#Pass987'),

(2,'Meenal Chandrasekar', 'meenal.chandra@example.com', 'Meenal@Secure456'),

(3,'Vikram Subramanian', 'vikram.subra@example.com', 'Vikram@xTR4Strong'),

(4,'Lavanya Pillai', 'lavanya.pillai@example.com', 'Lava\_987StrongPass'),

(5,'Parthiban Iyer', 'parthiban.iyer@example.com', 'P@rthIBANsecure56'),

(6,'Radha Bhattacharya', 'radha.bhatta@example.com', 'Radha\_4Secure999'),

(7,'Gaurav Kulkarni', 'gaurav.kulk@example.com', 'KulkarniPass786#'),

(8,'Shalini D’Souza', 'shalini.dsouza@example.com', 'Shal\_DS8Secure123'),

(9,'Tejaswini Prasad', 'tejaswini.prasad@example.com', 'TejasP@ss900'),

(10,'Nishant Upadhyay', 'nishant.upad@example.com', 'Nishant#SafE789');

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**Update operation:**

update customers

set name='Raj Kumar'

where customer\_id like '10';

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**Deleting a record from table:**

delete from customers

where name= 'Raj Kumar';

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**Retrive specific attribute:**

select email from customers;

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**Retrive a specific row:**

select \* from customers

where email like 't%';

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**Filtering data using where clause:**

select \* from customers

where customer\_id >=5

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**Filtering data using In, Distinct, and, or, between, like, column and table aliases:**

select \* from customers

where customer\_id IN (1,2,3);

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select DISTINCT customer\_id from customers;

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select \* from customers

where customer\_id >5 AND name like 'Gaurav%';

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select \* from customers

where customer\_id >5 OR name like 'Tushar%';

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select \* from customers

where customer\_id BETWEEN 4 AND 8;

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select \* from customers

where email like 't%';

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select customer\_id as ID, name as Customer\_Name from customers**;**

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**Aggregate functions, orderby, groupby, having:**

SELECT name, COUNT(\*) AS name\_count

FROM customers

GROUP BY name

HAVING COUNT(\*) between 1 and 3

ORDER BY name ASC;

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