**SQL Queries**

1. **FBI asks for persons with last name ending with “er”:**

SELECT \* FROM user\_basic WHERE Last\_name LIKE '%er';

1. **Create Sales table for sale items from Marketplace.**

CREATE TABLE Sales\_Table AS (SELECT Item\_id, Category, Price, Quantity FROM marketplace);

1. **Find item with max sales, sort by most expensive first.**

SELECT \* FROM Sales\_Table

WHERE Quantity IN (SELECT MAX(Quantity) FROM Sales\_Table)

ORDER BY Price DESC;

1. **Find inactive users since last 6 months.**

select u.user\_id, u.First\_name, u.Last\_name from User\_Basic u LEFT JOIN activity\_log a ON a.User\_id = u.User\_id

WHERE a.Activity\_date < NOW() - INTERVAL 6 MONTH

GROUP BY u.First\_name, u.Last\_name,u.user\_id ORDER BY u.First\_name;

1. **Percentage of female users**

SELECT round (((SELECT COUNT(\*) FROM user\_basic WHERE GENDER = 'Female')/

(SELECT COUNT (\*) FROM user\_basic))\*100,2) AS "Female users Percentage"

FROM DUAL;