

### Assignment-5

Craft a query using an INNER JOIN to combine 'orders' and 'customers' tables for CUSTOMERS in a specified region, and a LEFT JOIN to display all customers including those without orders.

#### INNER JOIN to combine 'orders' and 'customers' tables for customers in a specified region:

Suppose we have the following tables:

- customers with columns: customer\_id, customer\_name, region
- orders with columns: order\_id, customer\_id, order\_date

#### Query

```
SELECT o.order_id, c.customer_name, o.order_date
FROM orders o
INNER JOIN customers c ON o.customer_id = c.customer_id
WHERE c.region = 'North';
```

#### **LEFT JOIN** to display all customers including those without orders:

- To retrieve all customers along with their orders (if any), you can use a LEFT JOIN:

#### Query

```
SELECT c.customer_id, c.customer_name, o.order_id, o.order_date FROM customers c
LEFT JOIN orders o ON c.customer_id = o.customer_id
```