# Day 10 – Assessment 2

- Utilize a subquery to find customers who have placed orders above the average order value, and write a UNION query to combine two SELECT statements with the same number of columns.

## 1. Subquery to Find Customers Who Have Placed Orders Above the Average Order Value

```
SELECT customer_id, customer_name
FROM customers
WHERE customer_id IN (
  SELECT customer_id
  FROM orders
  GROUP BY customer_id
  HAVING AVG(order_value) > (
    SELECT AVG(order_value)
    FROM orders
  )
);
```

## 2. UNION Query to Combine Two SELECT Statements

- *Customers with orders above the average order value*

```
SELECT customer_id, customer_name
FROM customers
WHERE customer_id IN (
  SELECT customer_id
  FROM orders
  GROUP BY customer_id
```

```
    HAVING AVG(order_value) > (
        SELECT AVG(order_value)
        FROM orders
    )
)
UNION
- Customers who have placed any order
SELECT customer_id, customer_name
FROM customers
WHERE customer_id IN (
    SELECT DISTINCT customer_id
    FROM orders
);
```