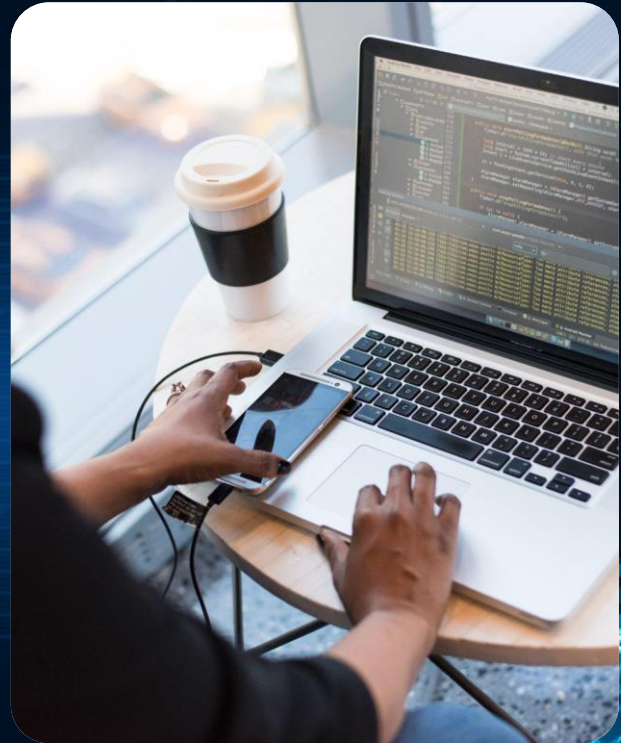# This Topic

SUBQUERY

CTE

SUBQUERY

- A query that appears inside another query statement

- The query inside the brackets is a subquery, and it must be named. In this example it has been named t1
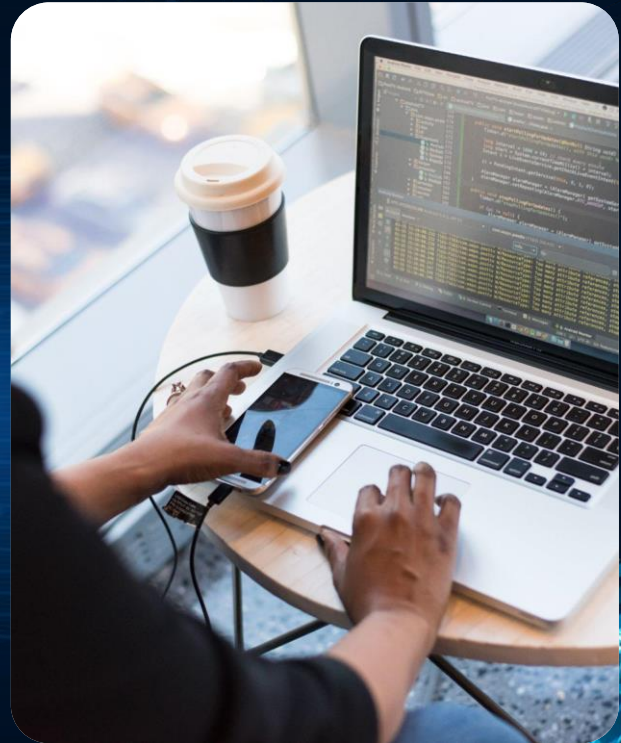
```
        SELECT *
FROM
(select column1, column2, etc
From table1 ) t1
```

SUBQUERY

- In this example we are using a previous query as a subquery, so it is now a table we are querying from.

```
SELECT *
FROM
(SELECT ORDERDATE, COUNT(ORDERNUMBER) AS ORDERS
FROM CLASSICMODELS.ORDERS
GROUP BY ORDERDATE) t1
```

SUBQUERY

- Since it shows each day and the amount of orders on that day, we can then use it to show the average amount of orders.

```
SELECT AVG(ORDERS)

FROM

(SELECT ORDERDATE, COUNT(ORDERNUMBER) AS ORDERS

FROM CLASSICMODELS.ORDERS

GROUP BY ORDERDATE) t1
```