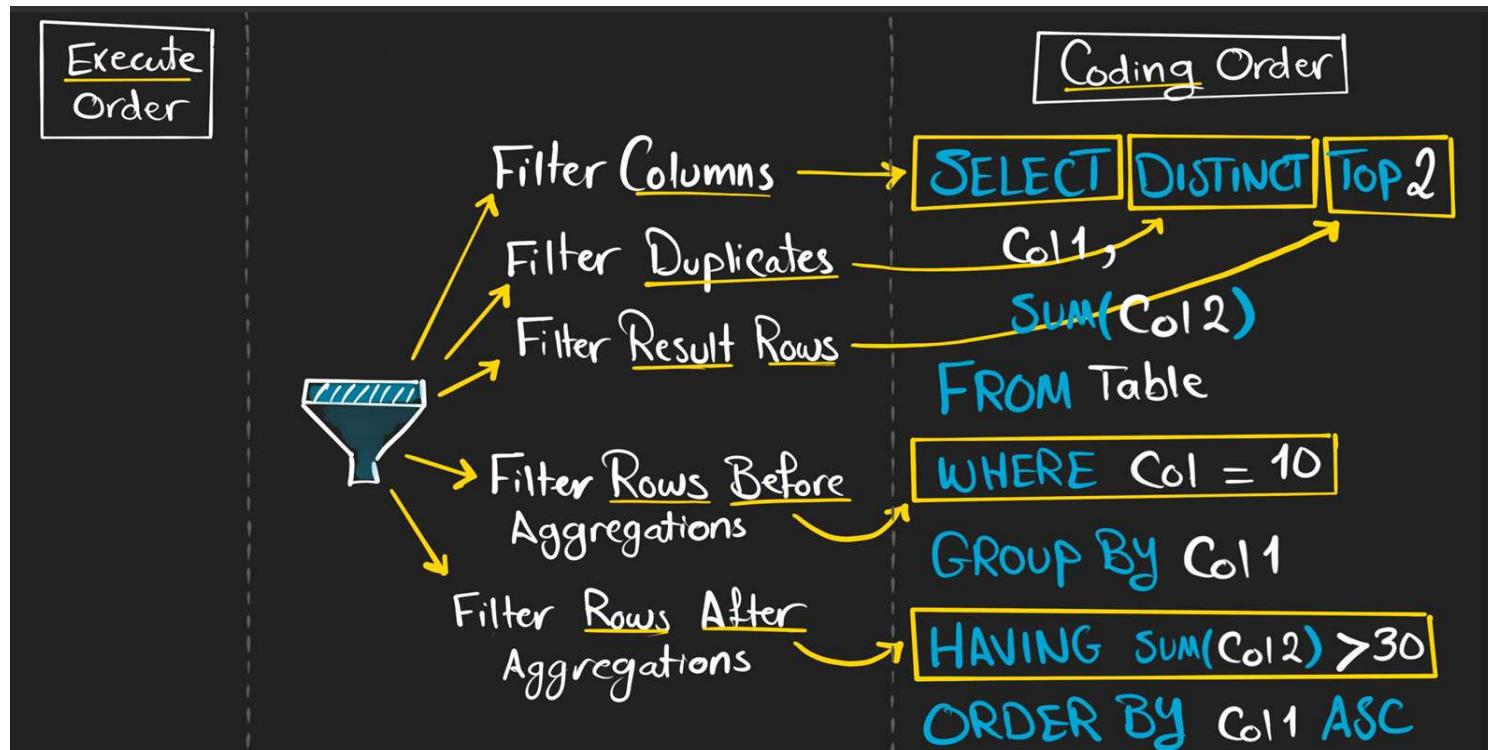


9_SQL _Filter Coding & Execution Order

Thursday, February 12, 2026 11:32 AM



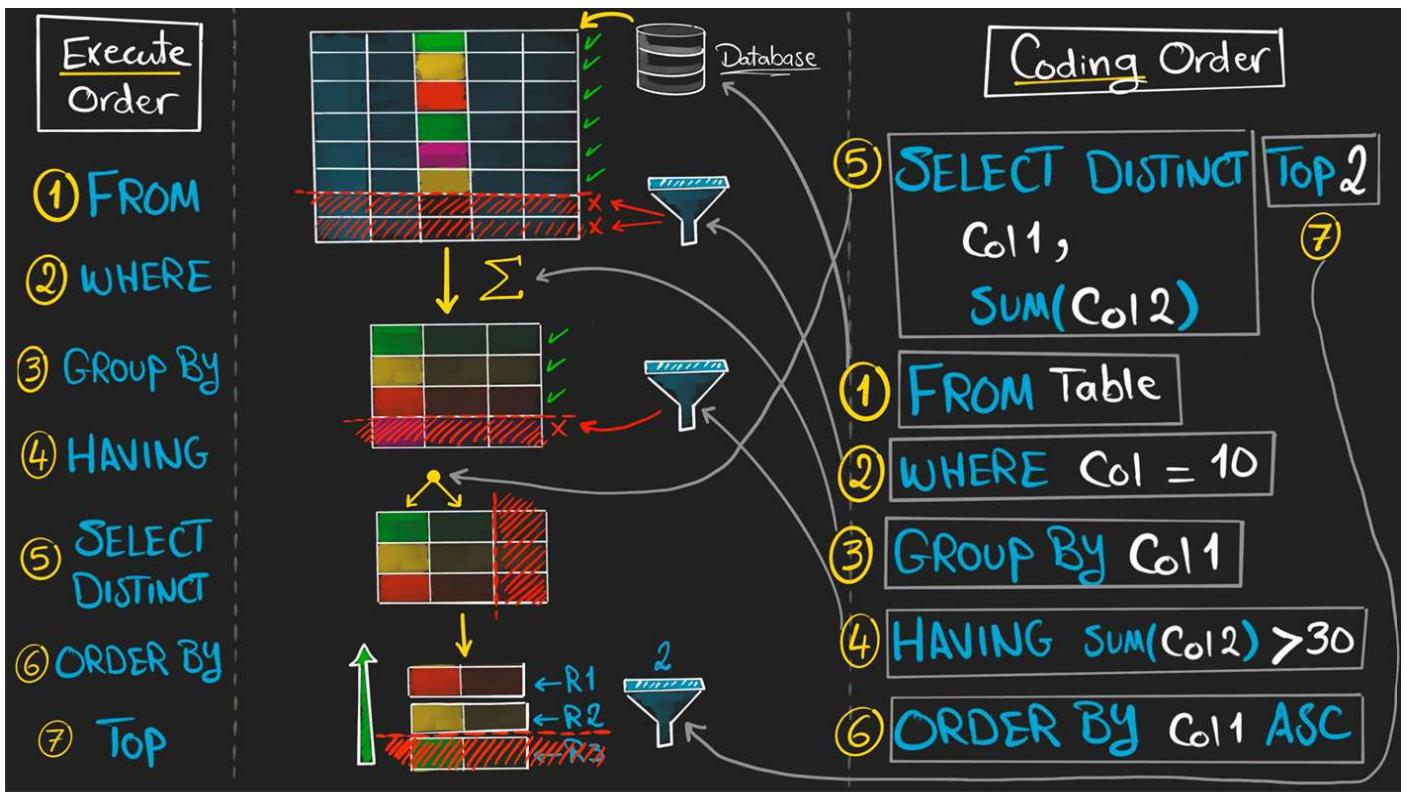
```
SELECT TOP 3 *
    FROM customers;
```

```
--RETRIEVE TOP 3 HIGHEST SCORES FROM CUSTOMERS
SELECT TOP 3 *
    FROM customers
    ORDER BY score DESC;
```

```
--RETRIEVE LOWEST 3 SCORES FROM CUSTOMERS
SELECT TOP 2 *
    FROM customers
    ORDER BY score;
```

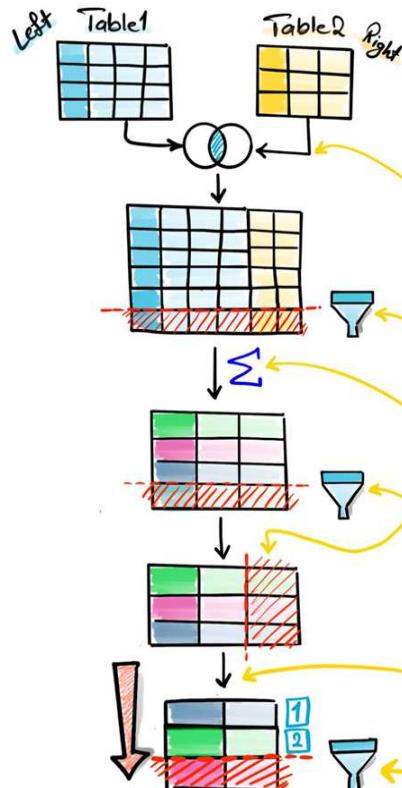
```
--GET 2 MOST RECENT ORDERS
SELECT TOP 2 *
    FROM orders
    ORDER BY order_date DESC;
```

```
SELECT * FROM orders;
-- RETURN UNIQUE LIST OF ALL COUNTRIES FROM CUSTOMERS TABLE.
SELECT DISTINCT COUNTRY
    FROM customers;
```



Execution Order

- ① FROM JOIN
- ② WHERE
- ③ GROUP BY
- ④ HAVING
- ⑤ SELECT DISTINCT
- ⑥ ORDER BY
- ⑦ Top



Coding Order

- ① SELECT DISTINCT a.col1, SUM(b.col1)
- ② FROM Table1 AS a
- ③ JOIN Table2 AS b
- ④ ON a.id = b.id
- ⑤ WHERE a.col1 = 10
- ⑥ GROUP BY a.col1
- ⑦ HAVING SUM(b.col1)
- ⑧ ORDER BY a.col1
- ⑨ Top 2