

SQL Introduction

SQL SELECT (I)

SQL SELECT (II)

SQL ORDER BY

SQL GROUP BY

SQL LIKE

SQL Wildcards

SQL UNION

SQL Subquery

SQL ANY and ALL

SQL CASE

SQL HAVING

SQL EXISTS

SQL JOIN

SQL DATABASE & TABLE

SQL Insert, Update and Delete

SQL Constraints

SQL Additional Topics

SQL EXISTS

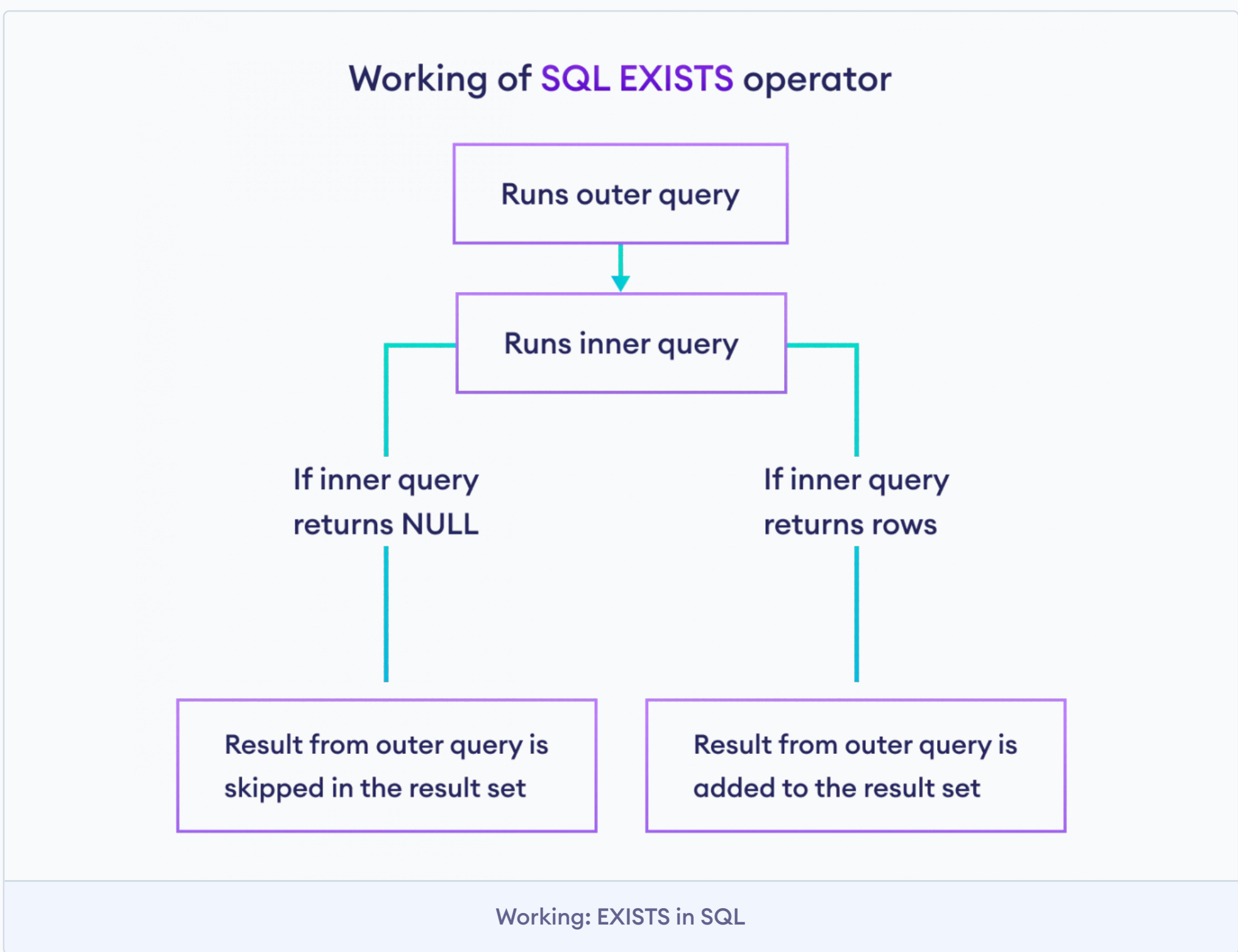
In this tutorial, we'll learn about the EXISTS operator in SQL and how to use them with examples.

The SQL `EXISTS` operator executes the outer SQL query if the **subquery** is not `NULL` (empty result-set). For example,

```
SELECT customer_id, first_name
FROM Customers
WHERE EXISTS (
  SELECT order_id
  FROM Orders
  WHERE Orders.customer_id = Customers.customer_id
);
```

Run Code >>

Here is how the SQL command works:



This process is repeated for each row of the outer query.

Related Topics

SQL Subquery

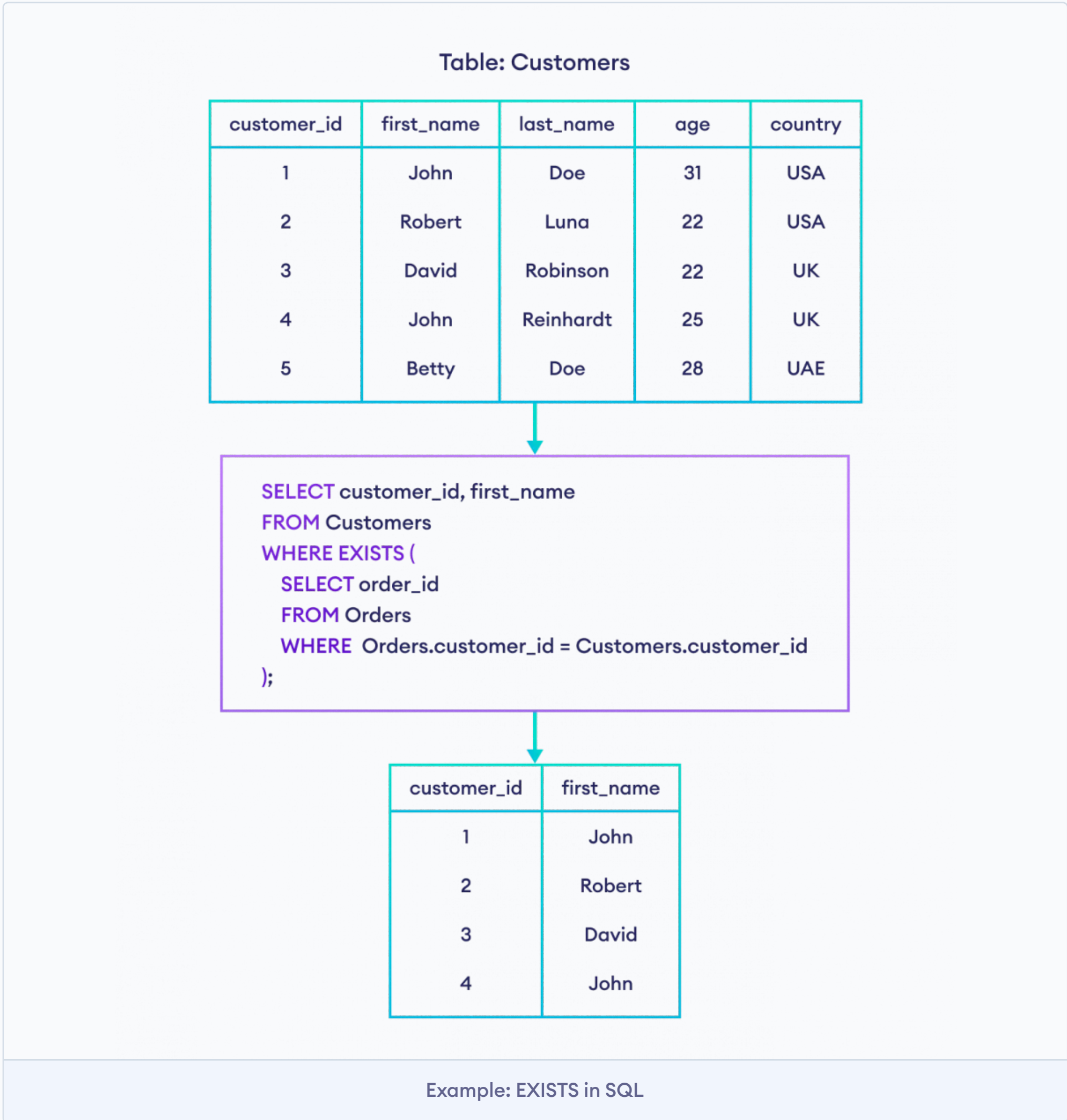
SQL INSERT INTO SELECT Statement

SQL IN Operator

SQL SELECT INTO Statement

SQL JOIN

SQL Stored Procedures



SQL NOT EXISTS

We can also use the **NOT** operator to inverse the working of the `EXISTS` clause. The SQL command executes if the **subquery** returns an empty result-set. For example,

```
SELECT customer_id, first_name
FROM Customers
WHERE NOT EXISTS (
  SELECT order_id
  FROM Orders
  WHERE Orders.customer_id = Customers.customer_id
);
```

Run Code >>

Here, the SQL command returns a row from the `Customers` table if the related row is not in the `Orders` table.

SQL EXISTS Examples

DROP TABLE IF EXISTS

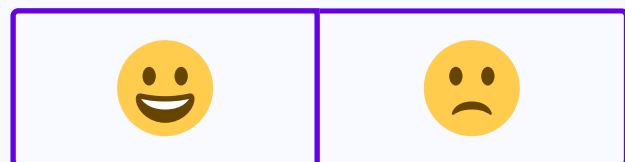
CREATE TABLE IF NOT EXISTS

Another SQL EXISTS Example

Previous Tutorial:
SQL HAVING

Next Tutorial: **SQL JOIN** →

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