

SQL Introduction

SQL SELECT (I)

SQL SELECT (II)

SQL JOIN

SQL JOIN

SQL INNER JOIN

SQL LEFT JOIN

SQL RIGHT JOIN

SQL FULL OUTER JOIN

SQL DATABASE & TABLE

SQL Insert, Update and Delete

SQL Constraints

SQL Additional Topics

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SQL JOIN

SQL FULL OUTER JOIN

SQL LEFT JOIN

SQL INNER JOIN

SQL Subquery

SQL SELECT INTO Statement

SQL RIGHT JOIN

In this tutorial, we'll learn about SQL RIGHT JOIN with the help of examples.

The SQL `RIGHT JOIN` joins two tables based on a common column, and selects records that have matching values in these columns and remaining rows from the right table.

Example

```
SELECT Customers.customer_id, Customers.first_name, Orders.amount
FROM Customers
RIGHT JOIN Orders
ON Customers.customer_id = Orders.customer;
```

Here's how this code works:

SQL RIGHT JOIN

Table: Customers

customer_id	first_name
1	John
2	Robert
3	David
4	John
5	Betty

Table: Orders

order_id	amount	customer
1	200	10
2	500	3
3	300	6
4	800	5
5	150	8

customer_id	first_name	amount
3	David	500
5	Betty	800
		200
		300
		150

Example: SQL RIGHT JOIN

Here, the SQL command selects **customer_id** and **first_name** columns (from the **Customers** table) and the **amount** column (from the **Orders** table).

And, the result set will contain those rows where there is a match between **customer_id** (of the **Customers** table) and **customer** (of the **Orders** table) along with all the remaining rows from the **Orders** table.

Syntax of RIGHT JOIN

The syntax of `RIGHT JOIN` is:

```
SELECT columns
FROM table1
RIGHT JOIN table2
ON table1.column_name = table2.column_name;
```

RIGHT JOIN With WHERE Clause

The SQL command can have an optional **WHERE clause** with the `RIGHT JOIN` statement. For example,

```
SELECT Customers.customer_id, Customers.first_name, Orders.amount
FROM Customers
INNER JOIN Orders
ON Customers.customer_id = Orders.customer
WHERE Orders.amount >= 500;
```

Here, the SQL command joins two tables and selects rows where the `amount` is **greater than or equal to 500**.

SQL RIGHT JOIN With AS Alias

We can use **AS aliases** inside `RIGHT JOIN` to make our snippet short and clean. For example,

```
SELECT C.cat_name, P.prod_title
FROM Category AS C
RIGHT JOIN Products AS P
ON C.cat_id= P.cat_id;
```

Here, the SQL command selects common rows between `Category` and `Products` table.

Right Join Vs Other Joins

RIGHT JOIN Vs RIGHT OUTER JOIN	>
RIGHT JOIN Vs INNER JOIN	>
RIGHT JOIN Vs LEFT JOIN	>
RIGHT JOIN Vs FULL OUTER JOIN	>

Recommended Readings

- SQL JOIN
- SQL INNER JOIN
- SQL LEFT JOIN
- SQL FULL OUTER JOIN

Previous Tutorial:
SQL LEFT JOIN

Next Tutorial:
SQL FULL OUTER JOIN

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