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SQL HAVING Clause



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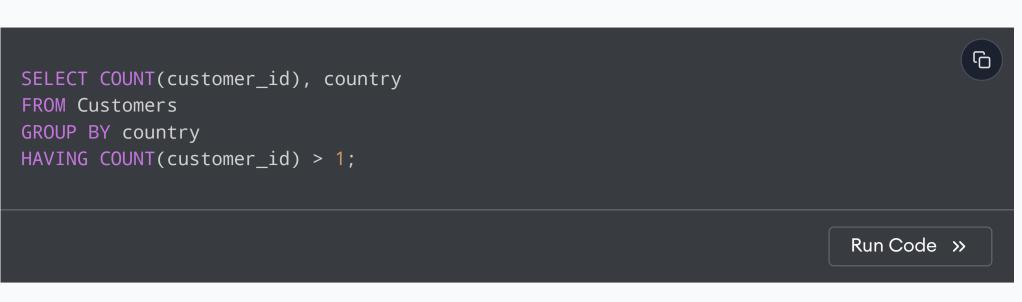
SQLJOIN

SQL ANY and ALL

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

The HAVING clause in SQL is used if we need to filter the result set based on aggregate functions such as MIN() and MAX(), SUM() and AVG() and COUNT().

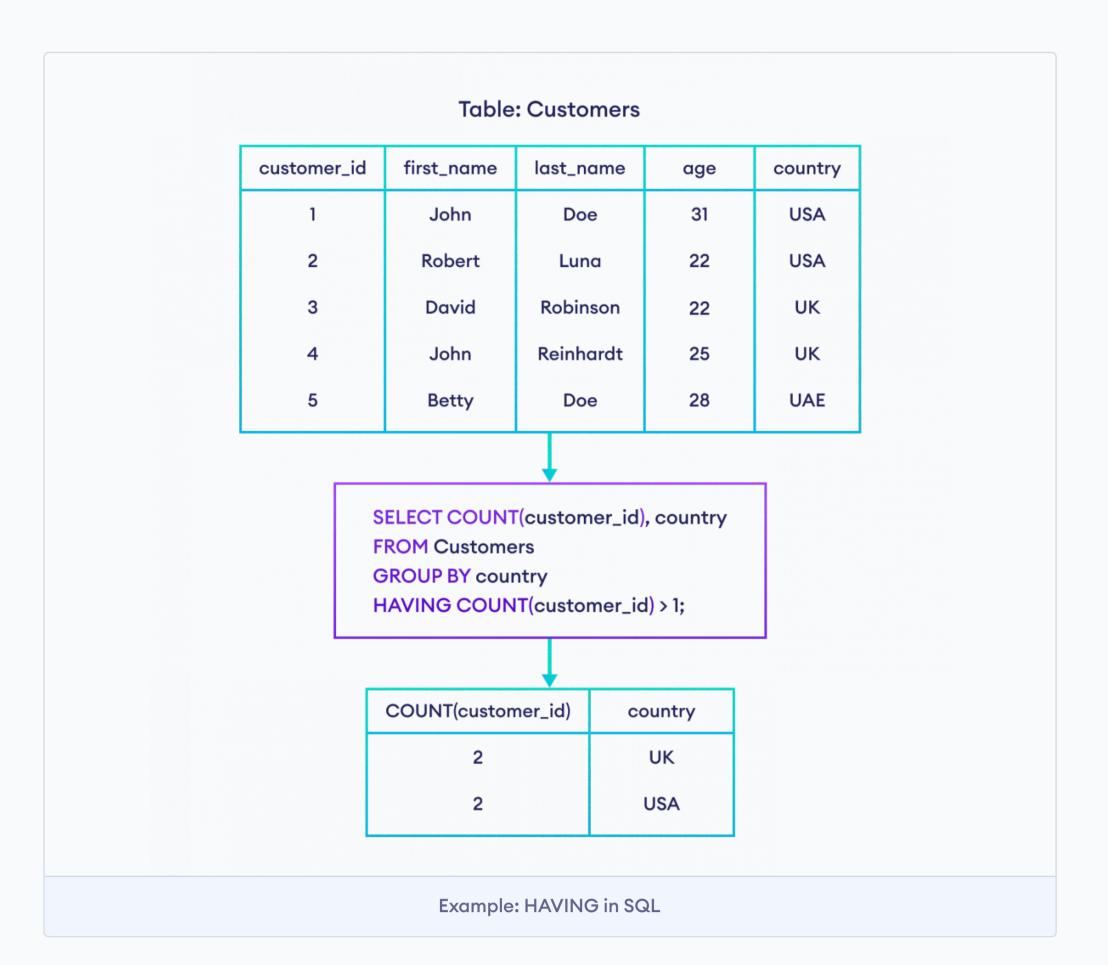


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Here, the SQL command:

1. counts the number of rows by grouping them by country

2. returns the result set if their **count** is greater than **1**.



Note: The HAVING clause was introduced because the WHERE clause does not support aggregate functions. Also, GROUP BY must be used before the HAVING clause. To learn more, visit SQL GROUP BY.

Related Topics SQL GROUP BY **SQL SELECT INTO Statement** SQL SUM() AND AVG() SQL COUNT() SQL INSERT INTO SELECT Statement

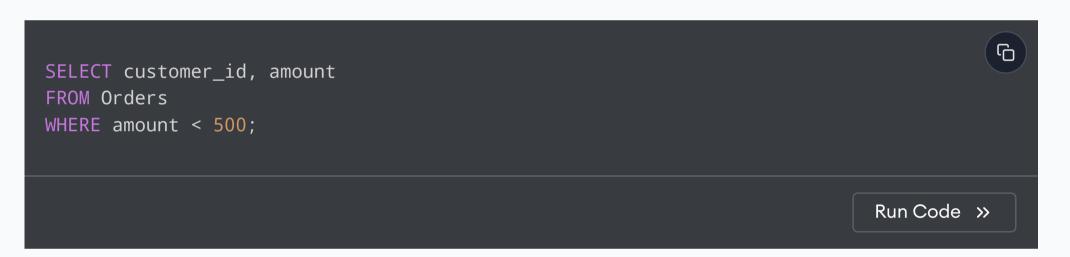
SQL CASE

SQL HAVING Vs WHERE

HAVING Clause	WHERE Clause
The HAVING clause checks the condition on a group of rows.	The WHERE clause checks the condition on each individual row.
The HAVING is used with aggregate functions.	The WHERE clause cannot be used with aggregate functions.
The HAVING clause is executed after the GROUP BY clause.	The WHERE clause is executed before the GROUP BY clause.

Let's take a look at an example,

If we want to select rows where the value of the amount column in the Orders table is less than 500, we can write,

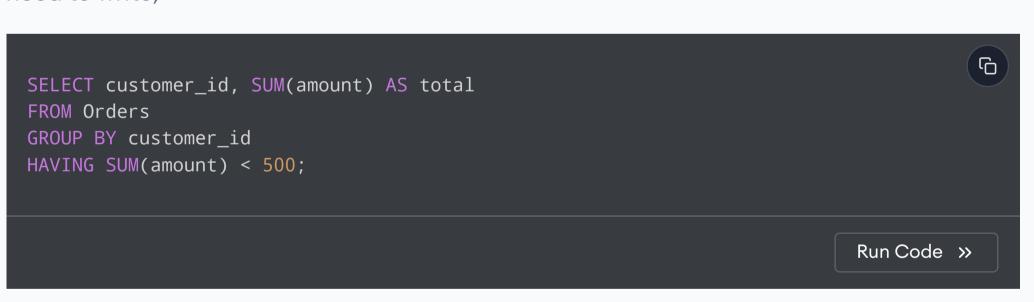


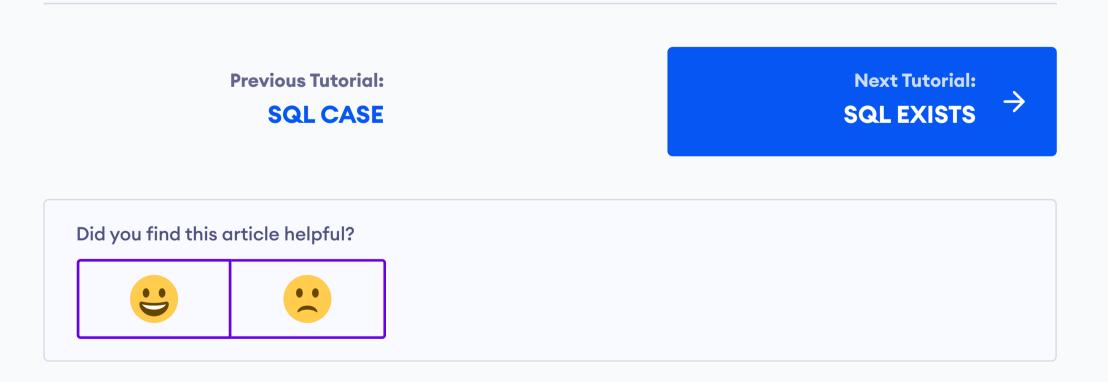
Now, if we want to select rows and calculate sum off each amount, we can write,

```
SELECT customer_id, SUM(amount) AS total
FROM Orders
GROUP BY customer_id;
                                                                        Run Code »
```

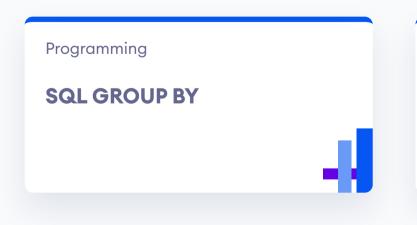
Thats it.

But if we need to select rows if the sum of amounts is less than 500 for any customer, we need to write,

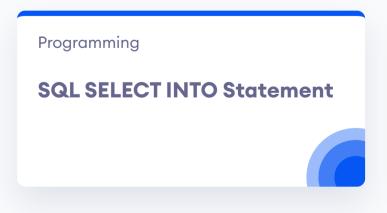




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