

SQL Introduction

SQL SELECT (I)

SQL SELECT

SQL AND, OR, NOT

SQL SELECT DISTINCT

SQL SELECT AS

SQL LIMIT, TOP, FETCH FIRST

SQL IN Operator

SQL BETWEEN Operator

SQL IS NULL and NOT NULL

SQL MIN() and MAX()

SQL COUNT()

SQL SUM() and AVG()

SQL SELECT (II)

SQL JOIN

SQL DATABASE & TABLE

SQL Insert, Update and Delete

SQL Constraints

SQL Additional Topics

Related Topics

SQL GROUP BY

SQL HAVING Clause

SQL JOIN

SQL SELECT INTO Statement

SQL INSERT INTO SELECT Statement

SQL INNER JOIN

SQL SUM() AND AVG()

In this tutorial, we'll learn about the SQL SUM() AND AVG() functions with the help of various examples.

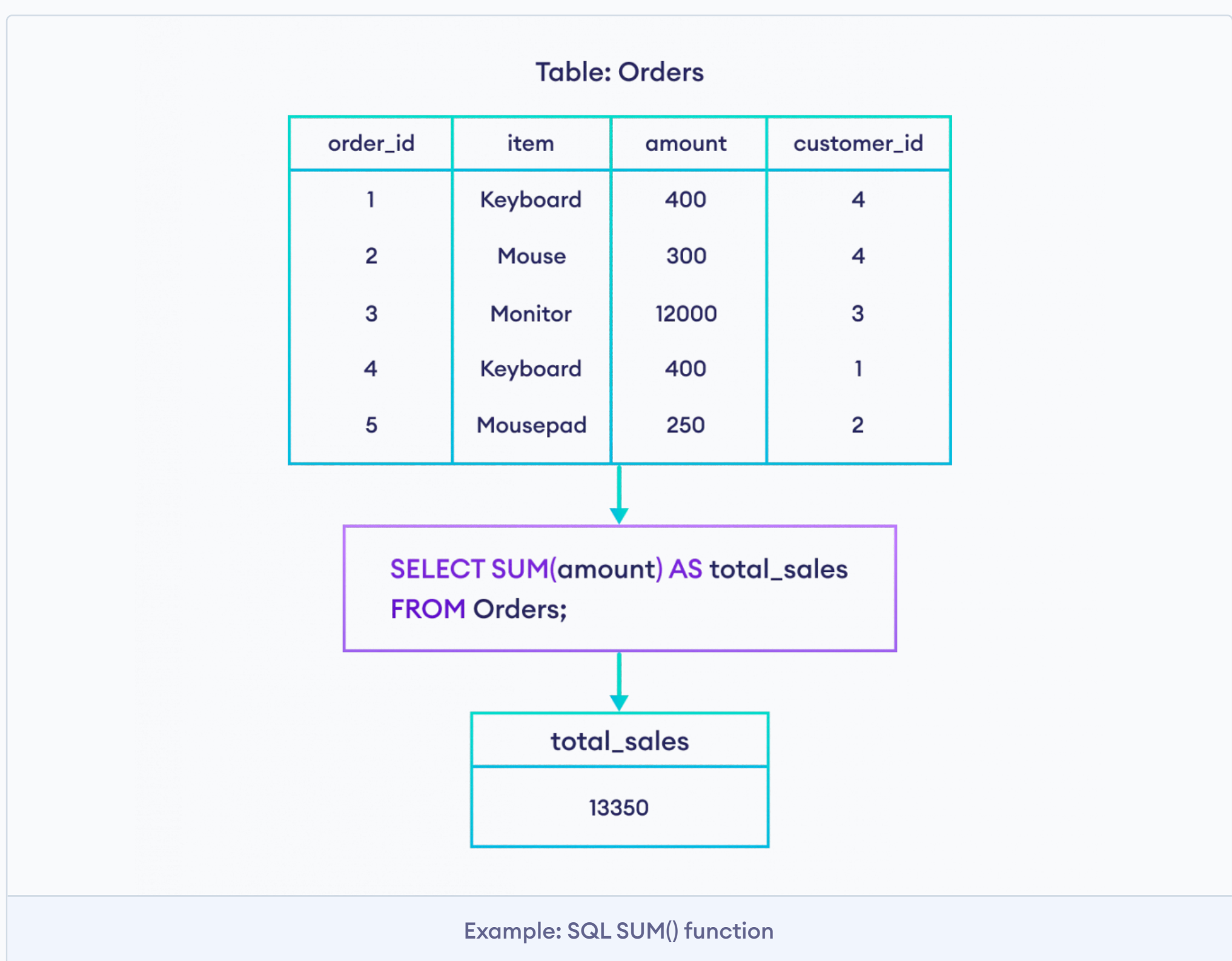
In SQL, SUM() and AVG() functions are used to calculate total and average values in numeric columns.

SQL SUM() Function

The SQL SUM() function is used to calculate the sum of numeric values in a column. For example,

```
SELECT SUM(amount) AS total_sales
FROM Orders;
```

Here, the SQL command returns the sum of amounts of all orders.



Let's take a look at another example.

```
SELECT SUM(amount) AS total_of_cus4
FROM Orders
WHERE customer_id = 4;
```

Here, the SQL command returns the total amount to be paid by the customer having id 4.



SQL AVG() Function

The SQL AVG() function is used to calculate the average of numeric values in a column. For example,

```
SELECT AVG(age) AS average_age
FROM Customers;
```

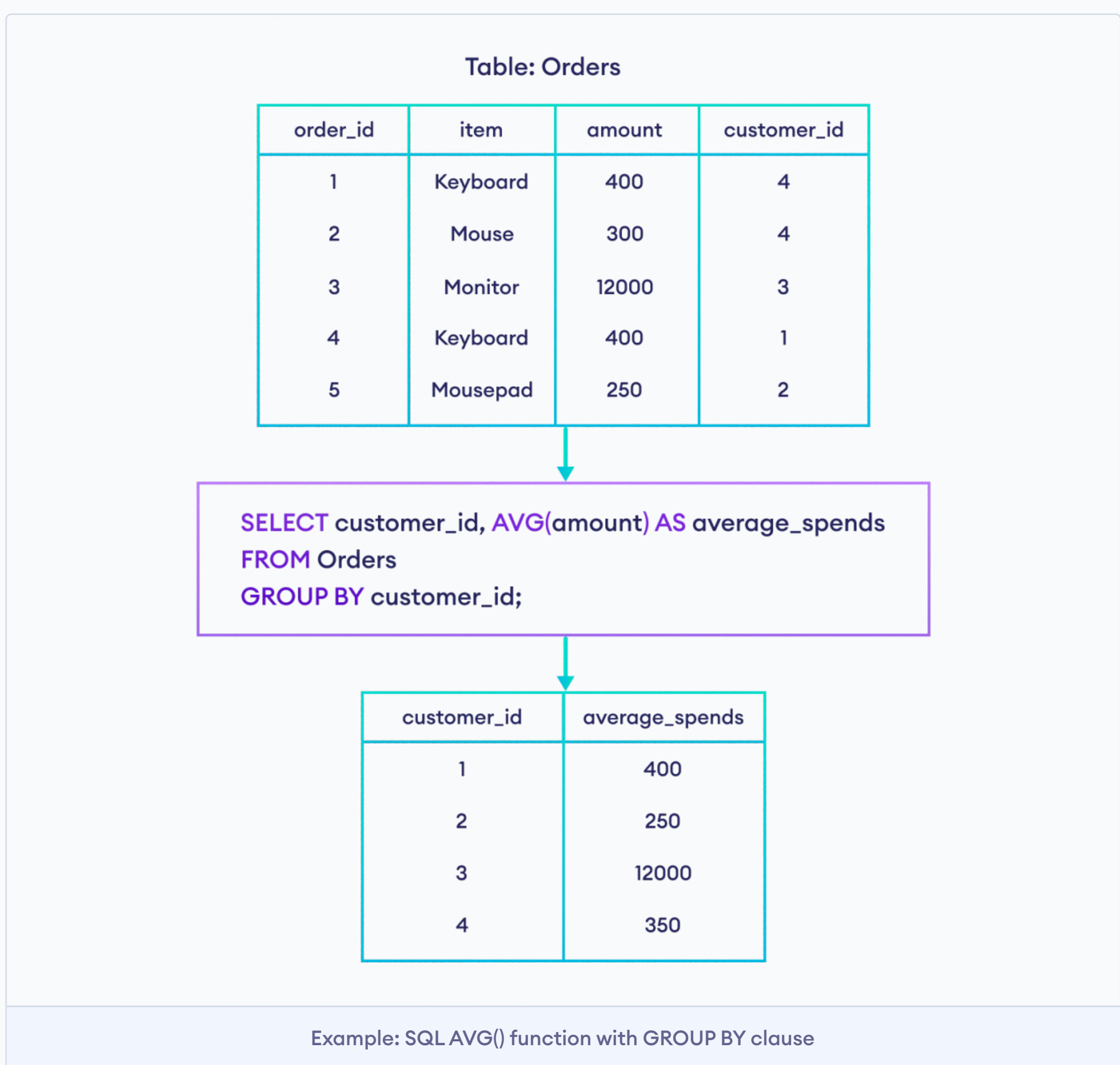
Here, the SQL command returns the average age of all customers.



Let's take a look at another example

```
SELECT DISTINCT customer_id, AVG(amount) AS average_spends
FROM Orders
GROUP BY customer_id;
```

Here, the SQL command returns the average spending of each customer.



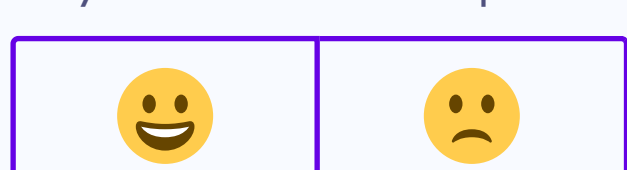
Recommended readings

- SQL Aliases
- SQL GROUP BY
- SQL DISTINCT

Previous Tutorial:
SQL COUNT

Next Tutorial:
SQL ORDER BY

Did you find this article helpful?



Related Tutorials

Programming

SQL GROUP BY

Programming

SQL HAVING Clause

Programming

SQL JOIN

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SQL SELECT INTO Statement

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