

SQL HOME

SQL Intro

SQL Syntax

SQL Select

SQL Select Distinct

SQL Where

SQL And, Or, Not

SQL Order By

SQL Insert Into

SQL Null Values

SQL Update

SQL Delete

SQL Select Top

SQL Min and Max

SQL Count, Avg, Sum

SQL Like

SQL Wildcards

SQL In

SQL Between

SQL Aliases

SQL Joins

SQL Inner Join

SQL Left Join

SQL Right Join

SQL Full Join

SQL Self Join

SQL Union

SQL Group By

SQL Having

SQL Exists

SQL Any, All

SQL Select Into

SQL Insert Into Select

SQL Case

SQL Null Functions

SQL Stored Procedures

SQL Comments

SQL Operators

SQL Database

SQL Create DB

SQL Drop DB

SQL Backup DB

SQL Create Table

SQL Drop Table

SQL Alter Table

SQL Constraints

SQL Not Null

SQL Unique

SQL Primary Key

SQL Foreign Key

SQL Check

SQL Default

SQL Index

SQL Auto Increment

SQL Dates

SQL Views

SQL Injection

SQL Hosting

SQL Data Types

SQL References

SQL Keywords

MySQL Functions

SQL Server Functions

MS Access Functions

SQL Quick Ref

SQL GROUP BY Statement

[Previous](#)[Next](#)

The SQL GROUP BY Statement

The **GROUP BY** statement groups rows that have the same values into summary rows, like "find the number of customers in each country".

The **GROUP BY** statement is often used with aggregate functions (**COUNT()**, **MAX()**, **MIN()**, **SUM()**, **AVG()**) to group the result-set by one or more columns.

GROUP BY Syntax

```
SELECT column_name(s)
FROM table_name
WHERE condition
GROUP BY column_name(s)
ORDER BY column_name(s);
```

Demo Database

Below is a selection from the "Customers" table in the Northwind sample database:

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico
3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023	Mexico
4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London	WA1 1DP	UK
5	Berglunds snabbköp	Christina Berglund	Berguvsvägen 8	Luleå	S-958 22	Sweden

COLOR PICKER



LIKE US



Get certified
by completing
a course today!

SQL GROUP BY Examples

The following SQL statement lists the number of customers in each country:

Example

```
SELECT COUNT(CustomerID), Country
FROM Customers
GROUP BY Country;
```

Try it Yourself »

The following SQL statement lists the number of customers in each country, sorted high to low:

Example

```
SELECT COUNT(CustomerID), Country
FROM Customers
GROUP BY Country
ORDER BY COUNT(CustomerID) DESC;
```

Try it Yourself »

Demo Database

Below is a selection from the "Orders" table in the Northwind sample database:

OrderID	CustomerID	EmployeeID	OrderDate	ShipperID
10248	90	5	1996-07-04	3
10249	81	6	1996-07-05	1
10250	34	4	1996-07-08	2

And a selection from the "Shippers" table:

ShipperID	ShipperName
1	Speedy Express
2	United Package
3	Federal Shipping

GROUP BY With JOIN Example

The following SQL statement lists the number of orders sent by each shipper:

Example

```
SELECT Shippers.ShipperName, COUNT(Orders.OrderID) AS NumberOfOrders
FROM Orders
LEFT JOIN Shippers ON Orders.ShipperID = Shippers.ShipperID
GROUP BY ShipperName;
```

Try it Yourself »

Test Yourself With Exercises

Exercise:

List the number of customers in each country.

```
SELECT [blank] (CustomerID),  
Country  
FROM Customers  
[blank];
```

[Submit Answer »](#)

[Start the Exercise](#)

[Previous](#)

[Next](#)

Get started

CODE GAME



Play Game

Certificates

HTML

CSS

JavaScript

Front End

Python

SQL

And more

REPORT ERROR

FORUM

ABOUT

SHOP

Top Tutorials

Top References

Top Examples

Web Courses

[HTML Tutorial](#)
[CSS Tutorial](#)
[JavaScript Tutorial](#)
[How To Tutorial](#)
[SQL Tutorial](#)
[Python Tutorial](#)
[W3.CSS Tutorial](#)
[Bootstrap Tutorial](#)
[PHP Tutorial](#)
[Java Tutorial](#)
[C++ Tutorial](#)
[jQuery Tutorial](#)

[HTML Reference](#)
[CSS Reference](#)
[JavaScript Reference](#)
[SQL Reference](#)
[Python Reference](#)
[W3.CSS Reference](#)
[Bootstrap Reference](#)
[PHP Reference](#)
[HTML Colors](#)
[Java Reference](#)
[Angular Reference](#)
[jQuery Reference](#)

[HTML Examples](#)
[CSS Examples](#)
[JavaScript Examples](#)
[How To Examples](#)
[SQL Examples](#)
[Python Examples](#)
[W3.CSS Examples](#)
[Bootstrap Examples](#)
[PHP Examples](#)
[Java Examples](#)
[XML Examples](#)
[jQuery Examples](#)

[HTML Course](#)
[CSS Course](#)
[JavaScript Course](#)
[Front End Course](#)
[SQL Course](#)
[Python Course](#)
[PHP Course](#)
[jQuery Course](#)
[Java Course](#)
[C++ Course](#)
[C# Course](#)
[XML Course](#)

[Get Certified »](#)

W3Schools is optimized for learning and training. Examples might be simplified to improve reading and learning. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using W3Schools, you agree to have read and accepted our [terms of use](#), [cookie and privacy policy](#).

Copyright 1999-2021 by Refsnes Data. All Rights Reserved.
W3Schools is Powered by W3.CSS.

