



SQL DELETE Statement

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The SQL DELETE Statement

The DELETE statement is used to delete existing records in a table.

DELETE Syntax

```
DELETE FROM table_name  
WHERE condition;
```

Note: Be careful when deleting records in a table! Notice the WHERE clause in the DELETE statement. The WHERE clause specifies which record(s) that should be deleted. If you omit the WHERE clause, all records in the table will be deleted!

Demo Database

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

CustomerID	CustomerName	ContactName	Address	City	PostalCod
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209

2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021
3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023
4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London	WA1 1DP
5	Berglunds snabbköp	Christina Berglund	Berguvsvägen 8	Luleå	S-958 22



SQL DELETE Example

The following SQL statement deletes the customer "Alfreds Futterkiste" from the "Customers" table:

Example

```
DELETE FROM Customers
WHERE CustomerName='Alfreds Futterkiste';
```

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The "Customers" table will now look like this:

CustomerID	CustomerName	ContactName	Address	City	PostalCod
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021
3	Antonio Moreno	Antonio	Mataderos	México	05023

	Taquería	Moreno	2312	D.F.	
4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London	WA1 1DP
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Delete All Records

It is possible to delete all rows in a table without deleting the table. This means that the table structure, attributes, and indexes will be intact:

```
DELETE FROM table_name;
```

or:

```
DELETE * FROM table_name;
```

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