

## Delete a Column from MySQL Table

Do you want to delete a column from MySQL table? In this tutorial, we shall delete or drop a column from a table using MySQL DROP COLUMN statement.

The syntax of MySQL DROP COLUMN is:

```
ALTER TABLE  
table_name
```

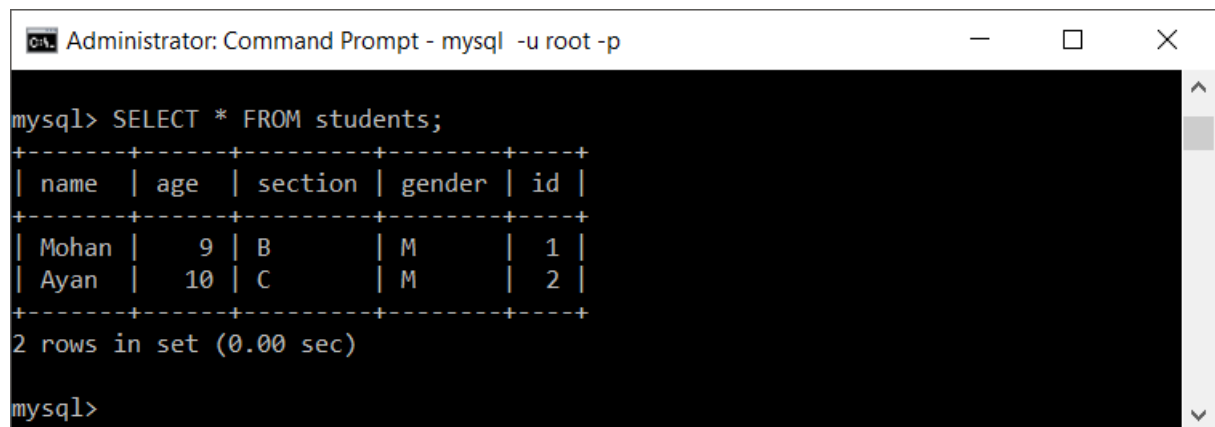
```
ALTER TABLE table_name  
DROP COLUMN column_name;
```

where

- table\_name is the name of the table from which we are going to delete the column
- column\_name is the name of the column that we shall delete

### Example to drop a column from MySQL table

Consider the following table `students`



```
mysql> SELECT * FROM students;  
+-----+-----+-----+-----+-----+  
| name | age | section | gender | id |  
+-----+-----+-----+-----+-----+  
| Mohan | 9 | B | M | 1 |  
| Ayan | 10 | C | M | 2 |  
+-----+-----+-----+-----+-----+  
2 rows in set (0.00 sec)  
  
mysql>
```

To delete the column `id` from `students` table, run the following SQL Query:

```
mysql> ALTER TABLE  
students
```

```
mysql> ALTER TABLE students  
DELETE COLUMN id;
```

```
Administrator: Command Prompt - mysql -u root -p

mysql> ALTER TABLE students
-> DROP COLUMN id;
Query OK, 2 rows affected (0.19 sec)
Records: 2 Duplicates: 0 Warnings: 0

mysql>
```

The result of the Query states that the execution is successful and 2 rows got effected.

Let us see the contents of `students` table.

```
Administrator: Command Prompt - mysql -u root -p

mysql> SELECT * FROM pupils;
+-----+-----+-----+-----+
| name | age | section | gender |
+-----+-----+-----+-----+
| Mohan | 9 | B | M |
| Ayan | 10 | C | M |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>
```

## Effects of deleting a column in MySQL Table

MySQL deals with Relational Databases. Schema of a table can be dependent on the columns of other tables. When you delete a column in a table, all the elements in the Database that are dependent on the deleted column get affected.

### Effect of deleting a column on Triggers

There could be Triggers which operate on the columns of the tables.

### Effect of deleting a column on Stored Procedures

There could be Stored Procedures which may be dependent on the column that is deleted.

## Conclusion

Before deleting a column of MySQL Table, know the consequences on related Triggers and Stored Procedures and other tables and perform the action with caution.

In this [MySQL Tutorial](#) we have learnt how to delete column of MySQL table and the effects of doing so on other elements of the database.

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## Solve Issues

» [MySQL - LAST\\_INSERT\\_ID returns 0](#)