

# MySQL ALTER Table Query

Topics : [MYSQL](#)

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The ALTER TABLE query is used to add, delete, rename or modify any table field in an existing table. The ALTER TABLE query is also used to add and drop various constraints on an existing table.

The ALTER statement is always used with ADD, DROP, RENAME and MODIFY commands according to the needs.

## ADD a column in the table using ALTER TABLE Query

### MYSQL Syntax

```
ALTER TABLE table_name  
ADD column_name datatype  
[ FIRST | AFTER column_name ];
```

### MYSQL Example :

```
ALTER TABLE tblstudent  
ADD area varchar(255)  
after stud_address;
```

As per as above example, area column is added in table tblstudent. You can add multiple columns in table.

## MODIFY column in the table using ALTER TABLE Query

### MYSQL Syntax:

```
ALTER TABLE table_name  
MODIFY COLUMN column_name datatype;
```

### MYSQL Example :

```
ALTER TABLE tblstudent MODIFY stud_name VARCHAR(90) ;
```

As per as above example, size of stud\_name has been changed form 70 to 90 using MODIFY clause in alter table query.

## DROP column in table using ALTER TABLE Query

### MYSQL Syntax:

```
ALTER TABLE table_name
```

DROP COLUMN column\_name;

**MYSQL Example :**

ALTER TABLE tblstudent DROP COLUMN area

As per as above example, area field name has been deleted from table tblstudent .

## **RENAME column in table using ALTER TABLE Query**

**MYSQL Syntax:**

ALTER TABLE table\_name CHANGE old\_column\_name new\_column\_name DataType

**MYSQL Example :**

ALTER TABLE tblstudent CHANGE stud\_mobile stud\_phone VARCHAR(11)

As per as above example, stud\_mobile column name has been changed to stud\_phone in table tblstudent.

## **RENAME table using ALTER TABLE Query**

**MYSQL Syntax:**

ALTER TABLE table\_name RENAME TO new\_table\_name

**MYSQL Example :**

ALTER TABLE tblstud RENAME TO tblstudent

As per as above example, table tblstud name has been changed to tblstudent.

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