# **SQL SELECT DISTINCT**

SQL SELECT DISTINCT statement is use for eliminate duplicates rows from selected column in table. You can add DISTINCT statement in multiple column.

- SELECT with DISTINCT on all columns
- SELECT with DISTINCT on two columns
- SELECT with DISTINCT on one columns

# SELECT with DISTINCT on all columns

Now we are execute SELECT query with DISTINCT on all columns. DISTINCT all column means same table row value eliminate duplicates rows.

In this example line number 7 or 13 row are same so two of one row automatically eliminate.

### Syntax

```
SELECT DISTINCT * FROM table_name;
```

## Example

NO NAME	ADDRESS	
1 Opal Kole	63 street Ct.	
2 Max Miller	41 NEW ROAD.	
3 Beccaa Moss	2500 green city.	
4 Paul Singh	1343 Prospect St	
5 Ken Myer	137 Clay Road	
6 Jack Evans	1365 Grove Way	
<pre>7 Opal Kole</pre>	63 street Ct.	
<pre>8 Max Miller</pre>	41 NEW ROAD.	
	2E00 gnoon situ	
3 Beccaa Moss 9 rows selected.	2500 green city.	
9 rows selected.		
9 rows selected.		
9 rows selected. SQL> SELECT DISTINCT * FRO	OM userinfo;	
9 rows selected.  SQL> SELECT DISTINCT * FROM  NO NAME  3 Beccaa Moss	OM userinfo;	
P rows selected.  SQL> SELECT DISTINCT * FROM  NO NAME  3 Beccaa Moss 6 Jack Evans	ADDRESS  2500 green city.  1365 Grove Way	
9 rows selected.  SQL> SELECT DISTINCT * FRO  NO NAME  3 Beccaa Moss 6 Jack Evans 1 Opal Kole	ADDRESS  2500 green city.  1365 Grove Way 63 street Ct.	
9 rows selected.  SQL> SELECT DISTINCT * FROM  NO NAME  3 Beccaa Moss 6 Jack Evans 1 Opal Kole 2 Max Miller	ADDRESS  2500 green city.  1365 Grove Way 63 street Ct. 41 NEW ROAD.	
9 rows selected.  SQL> SELECT DISTINCT * FROM  NO NAME  3 Beccaa Moss 6 Jack Evans 1 Opal Kole 2 Max Miller 5 Ken Myer	ADDRESS  2500 green city.  1365 Grove Way 63 street Ct. 41 NEW ROAD. 137 Clay Road	
9 rows selected.  SQL> SELECT DISTINCT * FROM  NO NAME  3 Beccaa Moss 6 Jack Evans 1 Opal Kole 2 Max Miller 5 Ken Myer 8 Max Miller	ADDRESS  2500 green city.  1365 Grove Way 63 street Ct. 41 NEW ROAD.  137 Clay Road 41 NEW ROAD.	
9 rows selected.  SQL> SELECT DISTINCT * FROM  NO NAME  3 Beccaa Moss 6 Jack Evans 1 Opal Kole 2 Max Miller 5 Ken Myer	ADDRESS  2500 green city.  1365 Grove Way 63 street Ct. 41 NEW ROAD. 137 Clay Road	

# SELECT with DISTINCT on two columns

Now we are execute SELECT statement with DISTINCT on two columns. DISTINCT two column means eliminate same value when both column have same value.

In this example line number 5,6 or 11,12 name and address column value are same so this both row automatically eliminate.

# Syntax

```
SELECT DISTINCT column_name1, column_name2, ... FROM table_name;
```

## Example

```
SQL> SELECT * FROM userinfo;
 NO NAME
                                   ADDRESS
  1 Opal Kole
                                   63 street Ct.
  2 Max Miller
                                   41 NEW ROAD.
                                   2500 green city.
  3 Beccaa Moss
  4 Paul Singh
                                   1343 Prospect St
                                   137 Clay Road
  5 Ken Myer
   6 Jack Evans
                                   1365 Grove Way
  7 Opal Kole
                                   63 street Ct.
   8 Max Miller
                                   41 NEW ROAD.
   3 Beccaa Moss
                                    2500 green city.
9 rows selected.
SQL> SELECT DISTINCT name, address FROM userinfo;
NAME
                                   ADDRESS
Opal Kole
                                   63 street Ct.
                                   1343 Prospect St
Paul Singh
Ken Myer
                                   137 Clay Road
Beccaa Moss
                                   2500 green city.
Max Miller
                                   41 NEW ROAD.
Jack Evans
                                   1365 Grove Way
6 rows selected.
```

# SELECT with DISTINCT on one columns

Same as above example DISTINCT apply only one columns.

## **Syntax**

```
SELECT DISTINCT column_name1, column_name2, ... FROM table_name;
```

#### Example

```
SQL> SELECT * FROM userinfo;
                                   ADDRESS
 NO NAME
  1 Opal Kole
                                   63 street Ct.
  2 Max Miller
                                   41 NEW ROAD.
   3 Beccaa Moss
                                   2500 green city.
                                   1343 Prospect St
  4 Paul Singh
  5 Ken Myer
                                   137 Clay Road
   6 Jack Evans
                                   1365 Grove Way
  7 Opal Kole
                                   63 street Ct.
   8 Max Miller
                                   41 NEW ROAD.
   3 Beccaa Moss
                                   2500 green city.
9 rows selected.
SQL> SELECT DISTINCT name FROM userinfo;
NAME
Opal Kole
Max Miller
Beccaa Moss
Paul Singh
Jack Evans
Ken Myer
6 rows selected.
```