

[Insert](#) – inserts data into a table.

## PostgreSQL INSERT syntax

```
INSERT INTO table (column1, column2, ...) VALUES (value1, value2, ...);
```

To add multiple rows into a table at a time, you use the following syntax:

```
INSERT INTO table (column1, column2, ...) VALUES (value1, value2, ...),  
(value1, value2, ...) , ...;
```

To insert data that comes from another table, you use the `INSERT INTO SELECT` statement as follows:

```
INSERT INTO table (column1, column2, ...) SELECT column1, column2, ... FROM  
another_table WHERE condition;
```

### PostgreSQL insert one-row examples

```
INSERT INTO link (url, name) VALUES ('http://www.postgresqltutorial.com', 'PostgreSQL Tutorial');
```

### PostgreSQL insert multiple rows example

```
INSERT INTO link (url, name) VALUES  
( 'http://www.google.com', 'Google' ) ,  
( 'http://www.yahoo.com', 'Yahoo' ) ,  
( 'http://www.bing.com', 'Bing' ) ;
```

### PostgreSQL insert data from another table example

First, create another table named `link_tmp` that has the same structure as the `link` table:

```
CREATE TABLE link_tmp (LIKE link);
```

#### Second, insert rows from the link table:

```
INSERT INTO link_tmp SELECT * FROM link;
```

#### Get the last insert id

```
INSERT INTO link (url, NAME, last_update) VALUES  
( 'http://www.postgresql.org', 'PostgreSQL', DEFAULT) RETURNING id;
```