Select – shows you how to query data from a single table

PostgreSQL SELECT statement syntax

Let's start with a basic form of the SELECT statement that retrieves data from a single table.

The following illustrates the syntax of the SELECT statement:

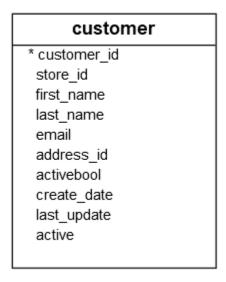
```
Query: SELECT column 1, column 2, ... FROM table name;
```

Let's examine the SELECT statement in more detail:

- First, you specify the column of the table from which you want to query data in the SELECT clause. If you retrieve data from multiple columns, you use a comma to separate two columns. In case you want to query data from all columns, you can use an asterisk (*) as the shorthand.
- Second, you indicate the table name after the FROM keyword.

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PostgreSQL SELECT examples



To query data from all rows and all columns of the <code>customer</code> table, you use the following query:

SELECT * FROM customer;

custom	er_id store_id	first_name	last_name	enal	address_id	activebool	create_date	last_update	active
	524	1 Jared	Ely	jared.ely@sakilacustomer.org	5	30 t	2006-02-14	2013-05-26 14:49:45.738	1
	1	1 Mary	Smith	mary.smith@sakilacustomer.org		5 t	2006-02-14	2013-05-26 14:49:45.738	1
	2	1 Patricia	Johnson	patricia.johnson@sakilacustomer.org		6 t	2006-02-14	2013-05-26 14:49:45.738	1
	3	1 Linda	Williams	Inda. williams@sakilacustomer.org		7 t	2006-02-14	2013-05-26 14:49:45.738	1
	4	2 Barbara	Jones	barbara.jones@sakilacustomer.org		8 t	2006-02-14	2013-05-26 14:49:45,738	1
	5	1 Elizabeth	Brown	elizabeth.brown@sakilacustomer.org		9 t	2006-02-14	2013-05-26 14:49:45,738	1
	6	2 Jennifer	Davis	jennifer.davis@saklacustomer.org		10 t	2006-02-14	2013-05-26 14:49:45.738	1
	7	1 Maria	Miler	maria.miller@saklacustomer.org		11 t	2006-02-14	2013-05-26 14:49:45.738	1
	8	2 Susan	Wilson	susan.wison@sakiacustomer.org		12 t	2006-02-14	2013-05-26 14:49:45.738	1
	9	2 Margaret	Moore	margaret.moore@sakilacustomer.org		13 t	2006-02-14	2013-05-26 14:49:45.738	1
	10	1 Dorothy	Taylor	dorothy.taylor@sakilacustomer.org		14 t	2006-02-14	2013-05-26 14:49:45.738	1
	11	2 Lisa	Anderson	isa.anderson@sakiacustomer.org		15 t	2006-02-14	2013-05-26 14:49:45.738	1
	12	1 Nancy	Thomas	nancy.thomas@sakilacustomer.org		16 t	2006-02-14	2013-05-26 14:49:45,738	1

Suppose you just want to know the first name, last name and email of customers, you can specify the column names in the SELECT statement as follows:

SELECT first_name, last_name, email FROM customer;

	first_name	last_name	email
Þ	Jared	Ely	jared.ely@sakilacustomer.org
	Mary	Smith	mary.smith@sakilacustomer.org
	Patricia	Johnson	patricia.johnson@sakilacustomer.org
	rada	(Arth	hadadhaara @aalda abaara aaa

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