

The image shows a PostgreSQL query editor window. At the top, there's a title bar with the text 'Welcome NorthwindTraders/postgres@PostgreSQL 17\* X'. Below the title bar is a toolbar with various icons for file operations, query execution, and window management. The main area is divided into two tabs: 'Query' and 'Query History'. The 'Query' tab is active, showing a SQL script. The script is color-coded and includes line numbers on the left. The script contains several SQL statements: a SELECT query from Products, a SELECT query from Orders with a limit, a SELECT query from Orders with an offset and limit, a SELECT query from Employees with a WHERE clause, a SELECT query from Orders with a WHERE clause on OrderDate, a SELECT query from Products with a WHERE clause on CategoryID, a SELECT query from Customers with a WHERE clause on CompanyName, and an INSERT statement into the Orders table.

```
46 FROM Products
47 WHERE Discontinued = FALSE AND UnitPrice > 30;
48 SELECT *
49 FROM Orders
50 LIMIT 10;
51 SELECT *
52 FROM Orders
53 OFFSET 10 LIMIT 10;
54 SELECT *
55 FROM Employees
56 WHERE Title IN ('Sales Representative', 'Owner');
57 SELECT *
58 FROM Orders
59 WHERE OrderDate BETWEEN '2013-01-01' AND '2013-12-31';
60 SELECT *
61 FROM Products
62 WHERE CategoryID NOT IN (1, 2, 3);
63 SELECT *
64 FROM Customers
65 WHERE CompanyName LIKE 'A%';
66
67 INSERT INTO Orders (OrderID, CustomerID, EmployeeID, OrderDate, Req
68 VALUES (11078, 'ALFKI', 5, '2025-04-23', '2025-04-30', '2025-04-25'
```

Tools Edit View Window Help

come NorthwindTraders/postgres@PostgreSQL 17\* X

NorthwindTraders/postgres@PostgreSQL 17

No limit

ry Query History

```
FROM customers
ORDER BY companyName ASC;
✓ SELECT
    productName,
    unitPrice AS price_in_usd
FROM products;
✓ SELECT *
FROM Customers
WHERE Country = 'Germany';
✓ SELECT *
FROM Customers
WHERE Country IN ('France', 'Spain');
✓ SELECT *
FROM Orders
WHERE EXTRACT(YEAR FROM OrderDate) = 1997
    AND (Freight > 50 OR ShippedDate IS NOT NULL);
✓ SELECT ProductID, ProductName, UnitPrice
FROM Products
WHERE UnitPrice > 15;
✓ SELECT *
FROM Employees
WHERE Country = 'USA' AND Title = 'Sales Representative';
✓ SELECT *
```

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NorthwindTraders/postgres@PostgreSQL 17

Query Query History



```



46 FROM Products
47 WHERE Discontinued = FALSE AND UnitPrice > 30;
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65 WHERE CompanyName LIKE 'A%';
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```

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NorthwindTraders/postgres@PostgreSQL 17












No limit











Query History

✓

WHERE Country = 'USA' AND Title = 'Sales Representat

✓

SELECT \*

FROM Products

WHERE Discontinued = FALSE AND UnitPrice > 30;

✓

SELECT \*

FROM Orders

LIMIT 10;

✓

SELECT \*

FROM Orders

OFFSET 10 LIMIT 10;

✓

SELECT \*

FROM Employees

WHERE Title IN ('Sales Representative', 'Owner');

✓

SELECT \*

FROM Orders

WHERE OrderDate BETWEEN '2013-01-01' AND '2013-12-31';

✓

SELECT \*

FROM Products

WHERE CategoryID NOT IN (1, 2, 3);

✓

SELECT \*

FROM Customers

NorthwindTraders/postgres@PostgreSQL 17

Query History

```

WHERE Country = 'USA' AND Title = 'Sales Representative';
SELECT *
FROM Products
WHERE Discontinued = FALSE AND UnitPrice > 30;
SELECT *
FROM Orders
LIMIT 10;
SELECT *
FROM Orders
OFFSET 10 LIMIT 10;
SELECT *
FROM Employees
WHERE Title IN ('Sales Representative', 'Owner');
SELECT *
FROM Orders
WHERE OrderDate BETWEEN '2013-01-01' AND '2013-12-31';
SELECT *
FROM Products
WHERE CategoryID NOT IN (1, 2, 3);
SELECT *
FROM Customers
WHERE Country = 'Germany';
SELECT *
FROM Customers
WHERE Country IN ('France', 'Spain');
SELECT *
FROM Orders
WHERE EXTRACT(YEAR FROM OrderDate) = 2007

```

NorthwindTraders/postgres@PostgreSQL 17

Icons: Save, Edit, Filter, No limit, Run, Stop, Refresh, Export, Import, Help

Query History

```
ALTER TABLE employees
ADD COLUMN linkedin_profile VARCHAR(255);
ALTER TABLE employees
ALTER COLUMN linkedin_profile TYPE TEXT;
select * from employees;
ALTER TABLE employees
ALTER COLUMN linkedin_profile SET NOT NULL;
ALTER TABLE employees
ADD CONSTRAINT unique_linkedin_profile UNIQUE (linkedin_profile);
ALTER TABLE employees
DROP COLUMN linkedin_profile;
```

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Icons: Save, Edit, Filter, No limit, Run, Stop, Refresh, Export, Import, Help

Query History

```
FROM Products
WHERE Discontinued = FALSE AND UnitPrice > 30;
SELECT *
FROM Orders
LIMIT 10;
SELECT *
FROM Orders
OFFSET 10 LIMIT 10;
SELECT *
FROM Employees
WHERE Title IN ('Sales Representative', 'Owner');
SELECT *
FROM Orders
WHERE OrderDate BETWEEN '2013-01-01' AND '2013-12-31';
SELECT *
FROM Products
WHERE CategoryID NOT IN (1, 2, 3);
SELECT *
FROM Customers
WHERE CompanyName LIKE 'A%';
INSERT INTO Orders (OrderID, CustomerID, EmployeeID, OrderDate, RequiredDate, ShippedDate, ShipVia,
VALUES (11078, 'ALFKI', 5, '2025-04-23', '2025-04-30', '2025-04-25', 2, 45.50);
UPDATE Products
SET UnitPrice = UnitPrice * 1.10
WHERE CategoryID = 2;
```

```

56 WHERE Title IN ('Sales Representative', 'Owner');
57 SELECT *
58 FROM Orders
59 WHERE OrderDate BETWEEN '2013-01-01' AND '2013-12-31';
60 SELECT *
61 FROM Products
62 WHERE CategoryID NOT IN (1, 2, 3);
63 SELECT *
64 FROM Customers
65 WHERE CompanyName LIKE 'A%';
66
67 INSERT INTO Orders (OrderID, CustomerID, EmployeeID, OrderDate, RequiredDate, ShippedDate, ShipVia, Freight)
68 VALUES (11078, 'ALFKI', 5, '2025-04-23', '2025-04-30', '2025-04-25', 2, 45.50);
69 UPDATE Products
70 SET UnitPrice = UnitPrice * 1.10
71 WHERE CategoryID = 2;

```

Object Tools Edit View Window Help

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Query Query History

```

23 FROM Customers
24 ORDER BY companyName ASC;
25 SELECT
26     productName,
27     unitPrice AS price_in_usd
28 FROM products;
29 SELECT *
30 FROM Customers
31 WHERE Country = 'Germany';
32 SELECT *
33 FROM Customers
34 WHERE Country IN ('France', 'Spain');
35 SELECT *
36 FROM Orders
37 WHERE EXTRACT(YEAR FROM OrderDate) = 1997
38     AND (Freight > 50 OR ShippedDate IS NOT NULL);
39 SELECT ProductID, ProductName, UnitPrice
40 FROM Products
41 WHERE UnitPrice > 15;


```


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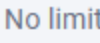


Query History

```
DROP COLUMN linkedin_profile;
SELECT FirstName, LastName, Title
FROM Employees;
SELECT
    split_part(employeeName, ' ', 1) AS first_name,
    split_part(employeeName, ' ', 2) AS last_name,
    title
FROM employees;
SELECT DISTINCT
    unitPrice
FROM products;
SELECT *
FROM customers
ORDER BY companyName ASC;
SELECT
    productName,
    unitPrice AS price_in_usd
FROM products;
```



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 NorthwindTraders/postgres@PostgreSQL 17



Query Query History

18 FROM employees;

19 SELECT DISTINCT

20 unitPrice

21 FROM products;

22 SELECT \*

23 FROM customers

24 ORDER BY companyName ASC;

25 SELECT

26 productName,

27 unitPrice AS price\_in\_usd

28 FROM products;

29 SELECT \*



30 FROM Customers


31 WHERE Country = 'Germany';









32 SELECT \*

pgAdmin 4

file Object Tools Edit View Window Help

Welcome  NorthwindTraders/... X  NorthwindTraders/postgres@PostgreSQL 17\* X

 NorthwindTraders/postgres@PostgreSQL 17



Query Query History

Show queries generated internally by pgAdmin? ☒ Remove Remove All

Today - 4/24/2025

▶ ALTER TABLE employees ADD COLUMN linkedin\_profile VARCHAR(255); ALTER T...

06:34:12

▶ ALTER TABLE employees ADD COLUMN linkedin\_profile VARCHAR(255); ALTER T...

06:34:11

▶ ALTER TABLE employees ADD COLUMN linkedin\_profile VARCHAR(255); ALTER T...

06:34:11

▶ ALTER TABLE employees ADD COLUMN linkedin\_profile VARCHAR(255); ALTER T...

06:34:10

▶ ALTER TABLE employees ADD COLUMN linkedin\_profile VARCHAR(255); ALTER T...

06:34:09

▶ UPDATE Products SET UnitPrice = UnitPrice \* 1.10 WHERE CategoryID = 2;

06:32:33

▶ UPDATE Products SET UnitPrice = UnitPrice \* 1.10 WHERE CategoryID = 2;

06:32:32

▶ UPDATE Products SET UnitPrice = UnitPrice \* 1.10 WHERE CategoryID = 2;

06:32:32

▶ UPDATE Products SET UnitPrice = UnitPrice \* 1.10 WHERE CategoryID = 2;

06:32:32

▶ UPDATE Products SET UnitPrice = UnitPrice \* 1.10 WHERE CategoryID = 2;

06:32:32

4/24/2025 5:36:50 AM

Date

Rows affected

77 msec

Duration

Copy Copy to Query Editor

ALTER TABLE employees

ADD COLUMN linkedin\_profile VARCHAR(255);

ALTER TABLE employees

ALTER COLUMN linkedin\_profile TYPE TEXT;

select \* from employees;

ALTER TABLE employees

ALTER COLUMN linkedin\_profile SET NOT NULL;

ALTER TABLE employees

ADD CONSTRAINT unique\_linkedin\_profile UNIQUE (linkedin\_profile);

ALTER TABLE employees

DROP COLUMN linkedin\_profile;

SELECT FirstName, LastName, Title

FROM Employees;

SELECT

split\_part(employeeName, ' ', 1) AS first\_name,

split\_part(employeeName, ' ', 2) AS last\_name,

title

FROM employees;

Messages

ERROR: column 'firstname' does not exist

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No limit

ry Query History

- ALTER TABLE employees  
ADD COLUMN linkedin\_profile VARCHAR(255);
- ALTER TABLE employees  
ALTER COLUMN linkedin\_profile TYPE TEXT;  
select \* from employees;
- ALTER TABLE employees  
ALTER COLUMN linkedin\_profile SET NOT NULL;
- ALTER TABLE employees  
ADD CONSTRAINT unique\_linkedin\_profile UNIQUE (linkedin\_profile);
- ALTER TABLE employees  
DROP COLUMN linkedin\_profile;
- SELECT FirstName, LastName, Title  
FROM Employees;
- SELECT  
split\_part(employeeName, ' ', 1) AS first\_name,  
split\_part(employeeName, ' ', 2) AS last\_name,  
title  
FROM employees;