1) ALTER TABLE employees

ADD COLUMN linkedin\_profile VARCHAR;

ALTER TABLE employees

ALTER COLUMN linkedin\_profile TYPE TEXT;

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;

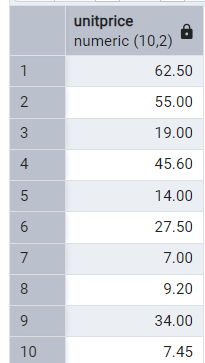
2) SELECT employeename, title

FROM employees;



SELECT DISTINCT unitprice

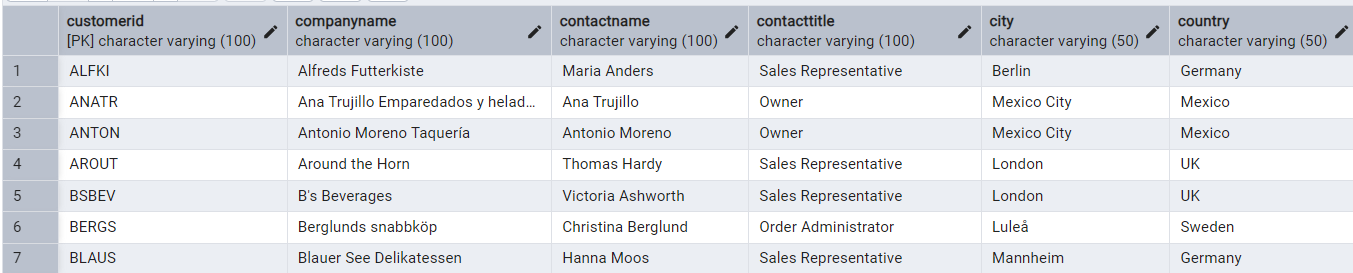
FROM products;



SELECT \*

FROM customers

ORDER BY companyname ASC;



SELECT productname, unitprice AS price\_in\_usd

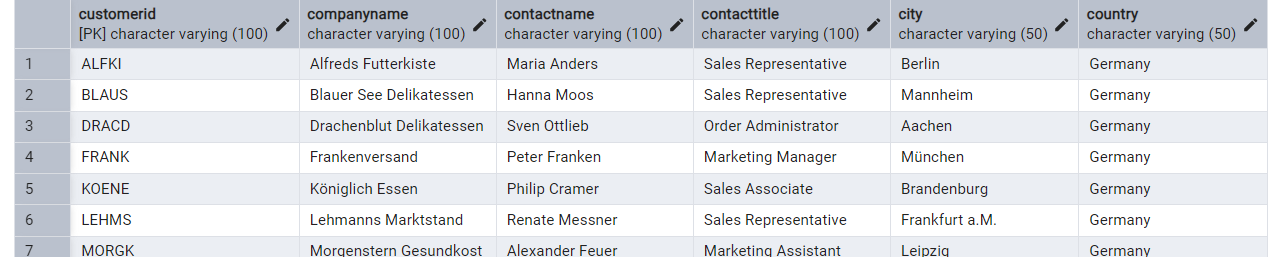
FROM products;



3) 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);



4)

SELECT productid, productname, unitprice

FROM products

WHERE unitprice > 15;

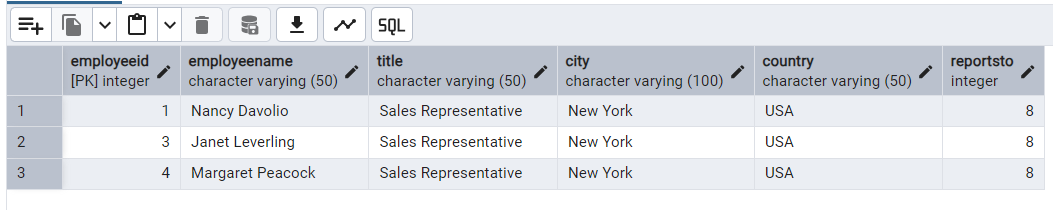


SELECT \*

FROM employees

WHERE country = 'USA'

AND title = 'Sales Representative';

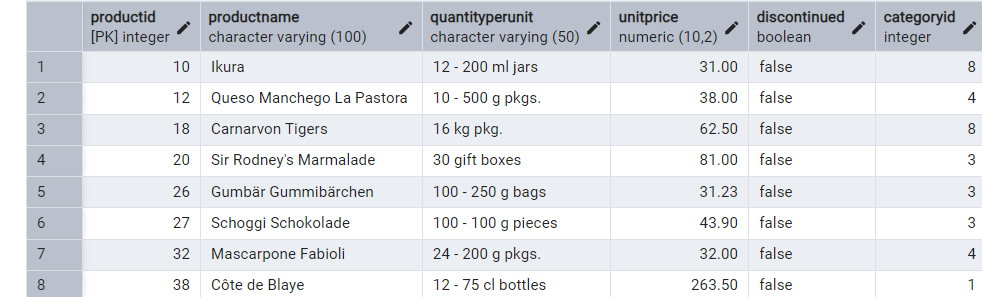


SELECT \*

FROM products

WHERE discontinued = FALSE

AND unitprice > 30;



5) SELECT \*

FROM orders

ORDER BY orderid

LIMIT 10;



SELECT \*

FROM orders

ORDER BY orderid

OFFSET 10

LIMIT 10;



6) SELECT \*

FROM customers

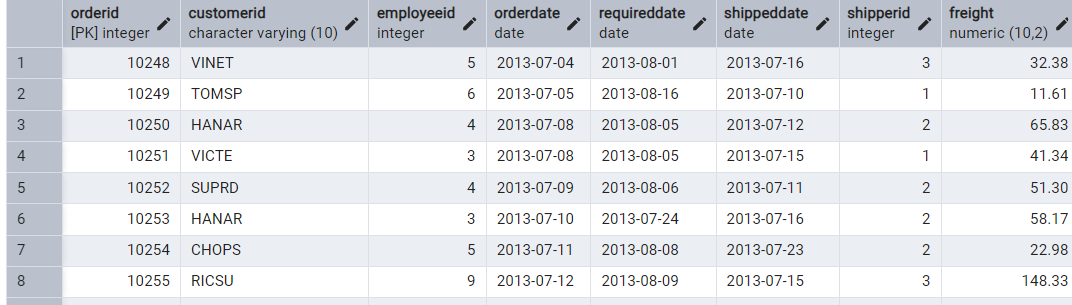
WHERE contacttitle IN ('Sales Representative', 'Owner');



SELECT \*

FROM orders

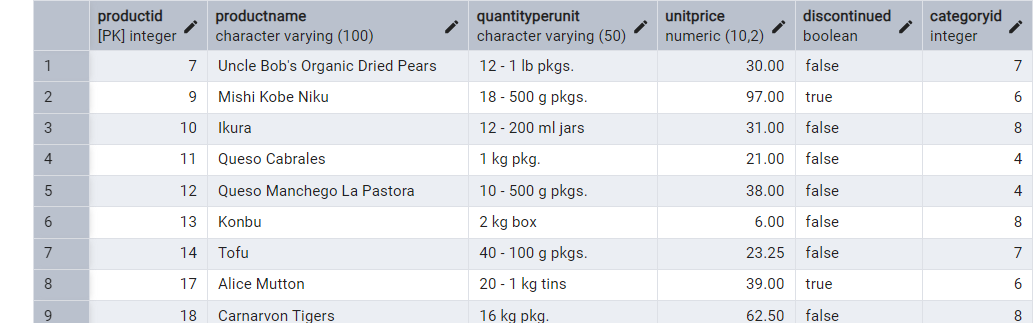
WHERE orderdate BETWEEN '2013-01-01' AND '2013-12-31';



7) SELECT \*

FROM products

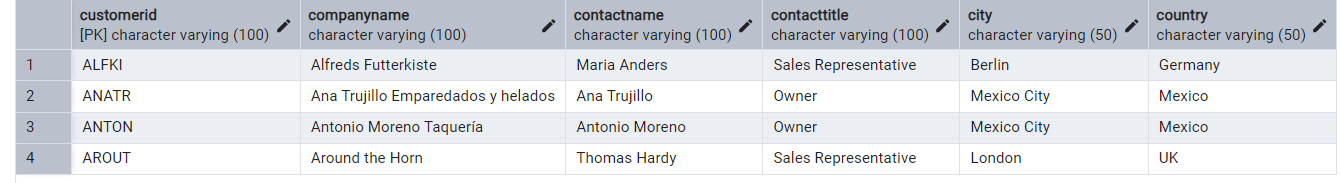
WHERE categoryid NOT IN (1, 2, 3);



SELECT \*

FROM customers

WHERE companyname LIKE 'A%';



8)INSERT INTO orders (

orderid,

customerid,

employeeid,

orderdate,

requireddate,

shippeddate,

shipperid,

freight

)

VALUES (

11078,

'ALFKI',

5,

'2025-04-23',

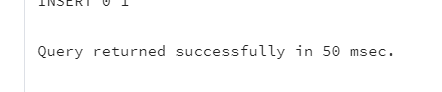
'2025-04-30',

'2025-04-25',

2,

45.50

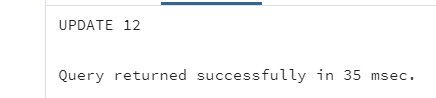
);



9) UPDATE products

SET unitprice = unitprice \* 1.10

WHERE categoryid = 2;



10)Imported northwind database

