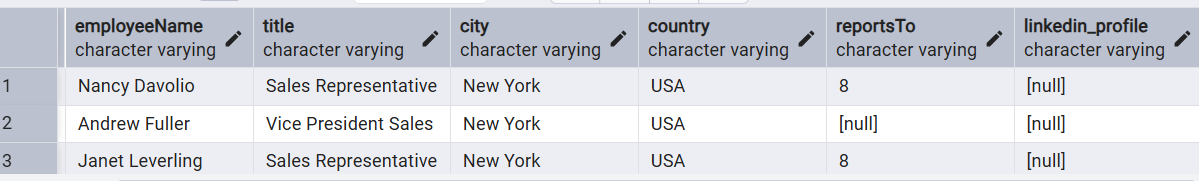
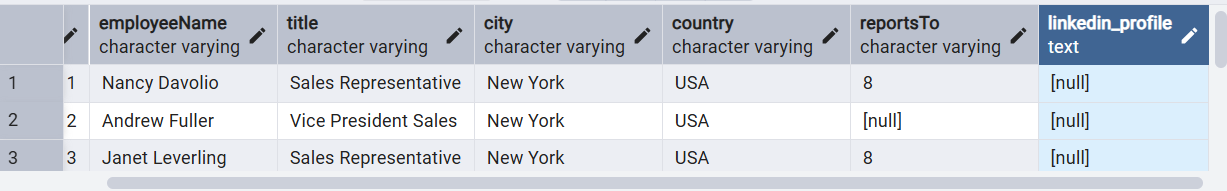
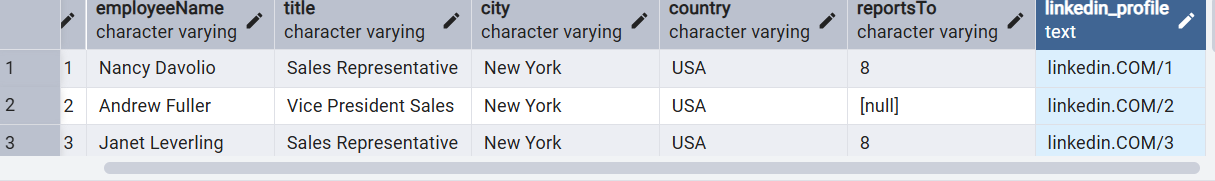
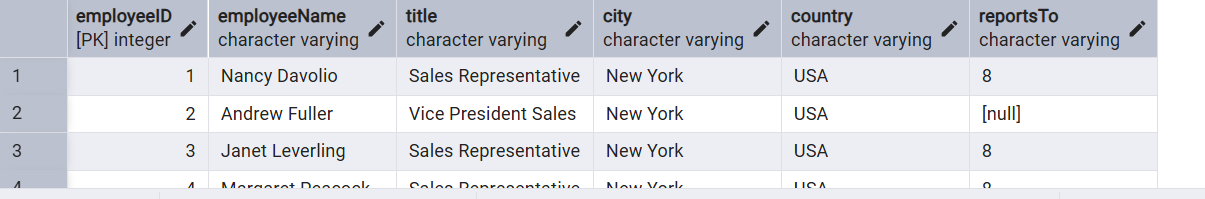
1) Alter Table:

* Add a new column linkedin\_profile to employees table to store LinkedIn URLs as varchar.
* Change the linkedin\_profile column data type from VARCHAR to TEXT.
* Add unique, not null constraint to linkedin\_profile
* Drop column linkedin\_profile



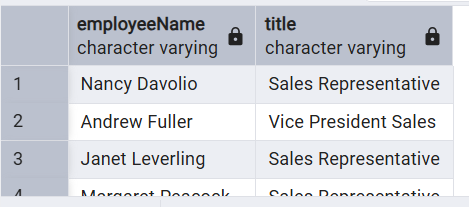


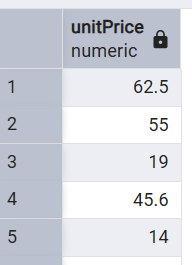


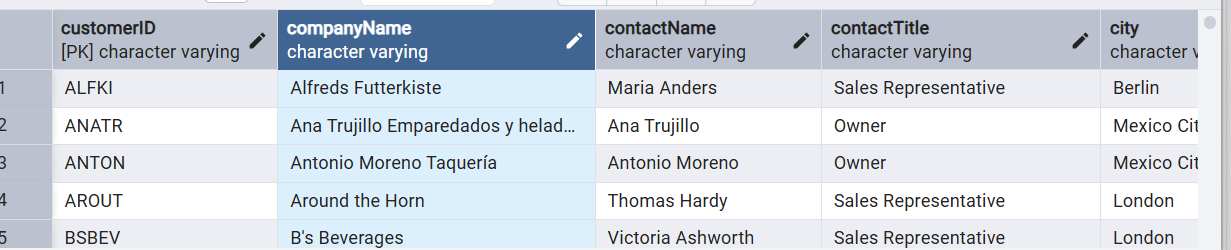


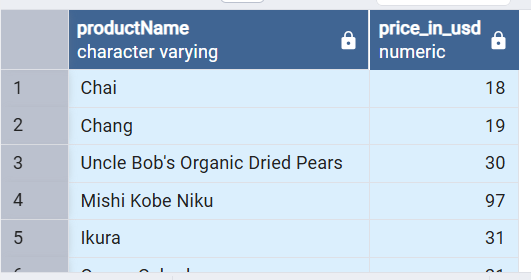
2) Querying (Select)

* Retrieve the employee name and title of all employees
* Find all unique unit prices of products
* List all customers sorted by company name in ascending order
* Display product name and unit price, but rename the unit\_price column as price\_in\_usd



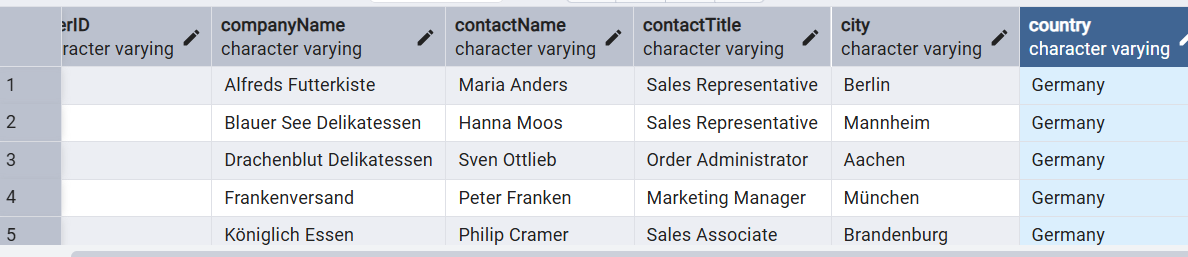


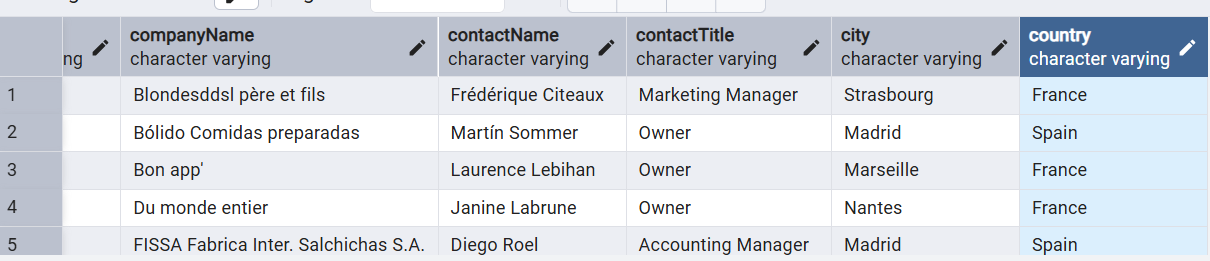


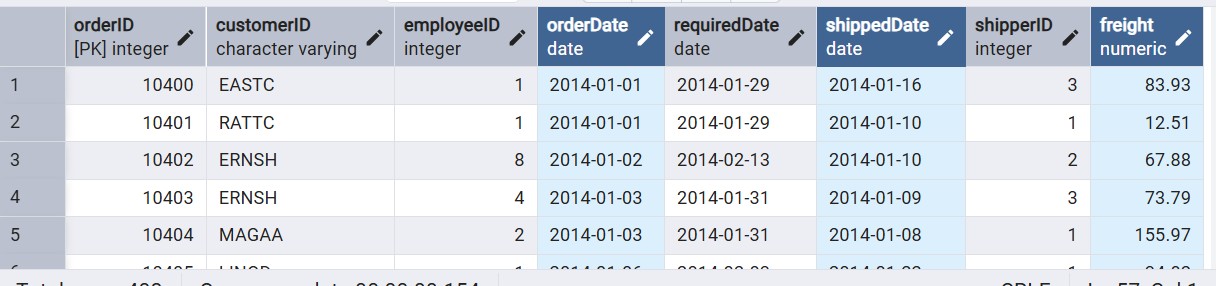


3) Filtering

* Get all customers from Germany.
* Find all customers from France or Spain
* Retrieve all orders placed in 2014(based on order\_date), and either have freight greater than 50 or the shipped date available (i.e., non-NULL) (Hint: EXTRACT(YEAR FROM order\_date))

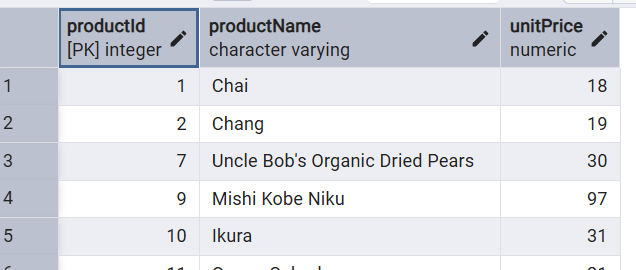


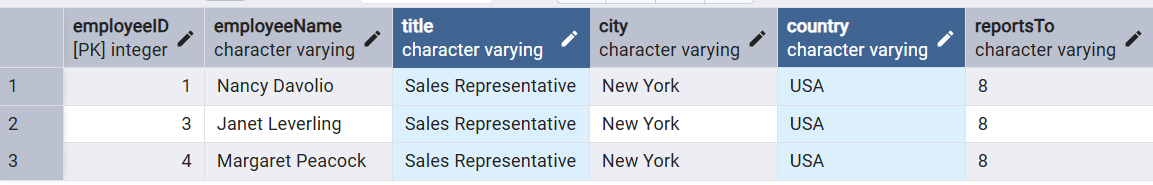


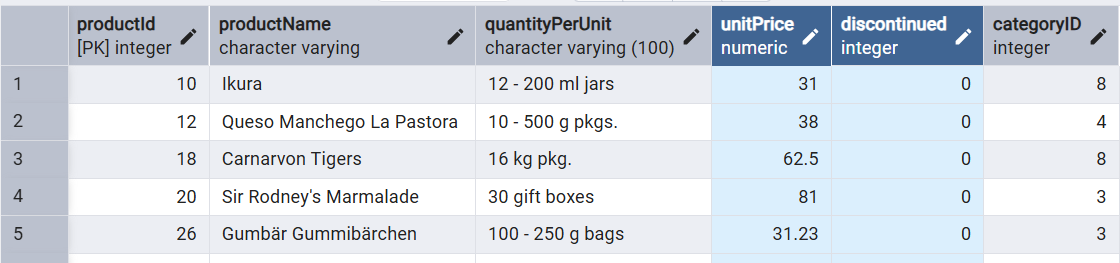


4) Filtering

* Retrieve the product\_id, product\_name, and unit\_price of products where the unit\_price is greater than 15.
* List all employees who are located in the USA and have the title "Sales Representative".
* Retrieve all products that are not discontinued and priced greater than 30.

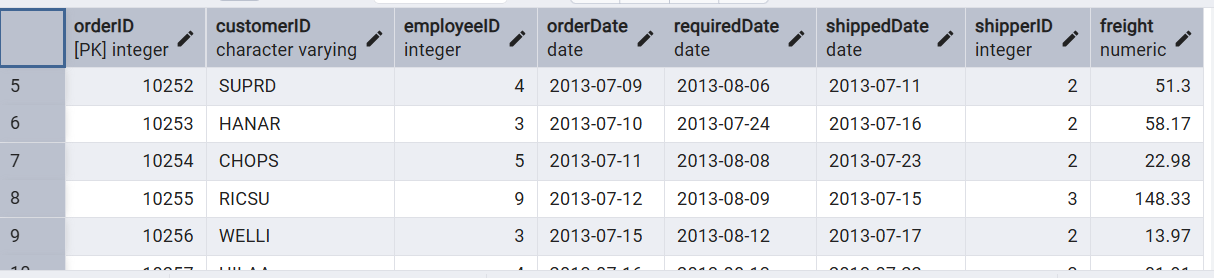


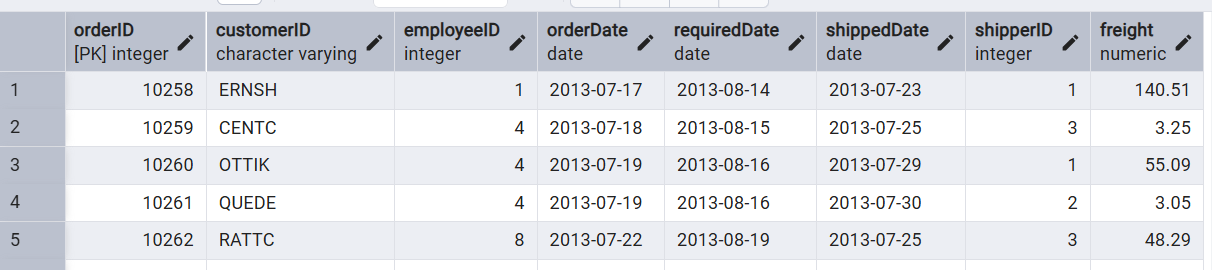




5) LIMIT/FETCH

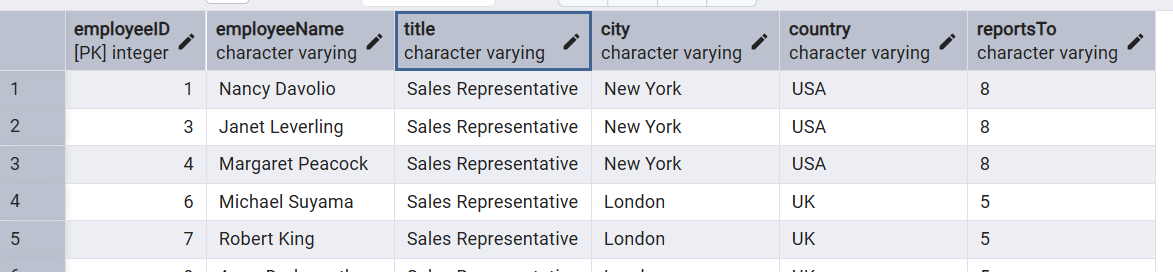
* Retrieve the first 10 orders from the orders table.
* Retrieve orders starting from the 11th order, fetching 10 rows (i.e., fetch rows 11-20).

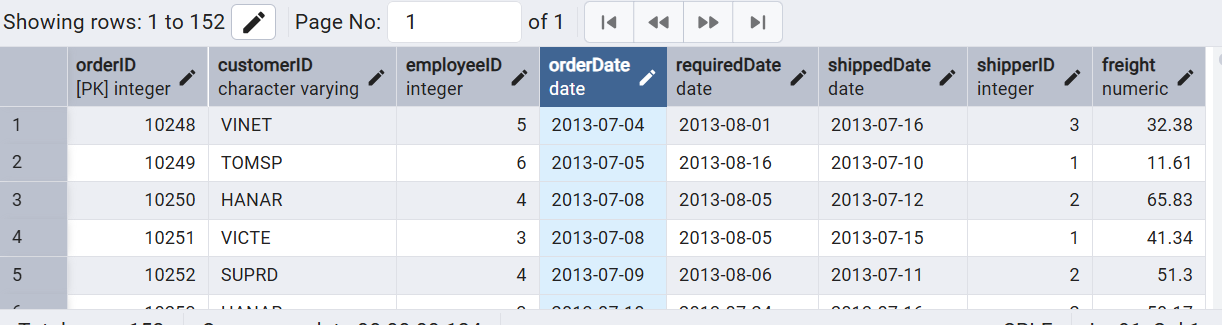




6) Filtering (IN, BETWEEN)

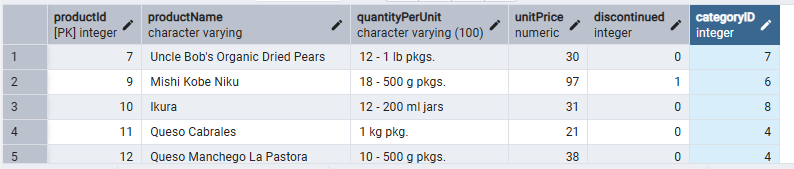
* List all customers who are either Sales Representative, Owner
* Retrieve orders placed between January 1, 2013, and December 31, 2013.

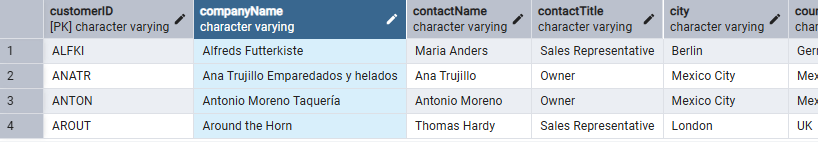




7) Filtering

* List all products whose category\_id is not 1, 2, or 3.
* Find customers whose company name starts with "A".





8) INSERT into orders table:

Task: Add a new order to the orders table with the following details:

Order ID: 11078

Customer ID: ALFKI

Employee ID: 5

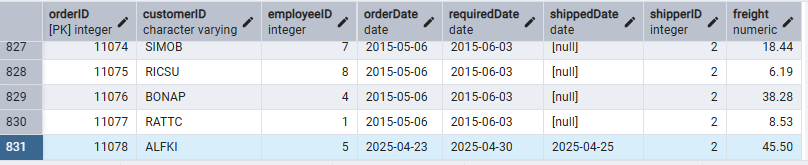
Order Date: 2025-04-23

Required Date: 2025-04-30

Shipped Date: 2025-04-25

shipperID:2

Freight: 45.50



9) Increase(Update) the unit price of all products in category\_id =2 by 10%.

(HINT: unit\_price =unit\_price \* 1.10)

