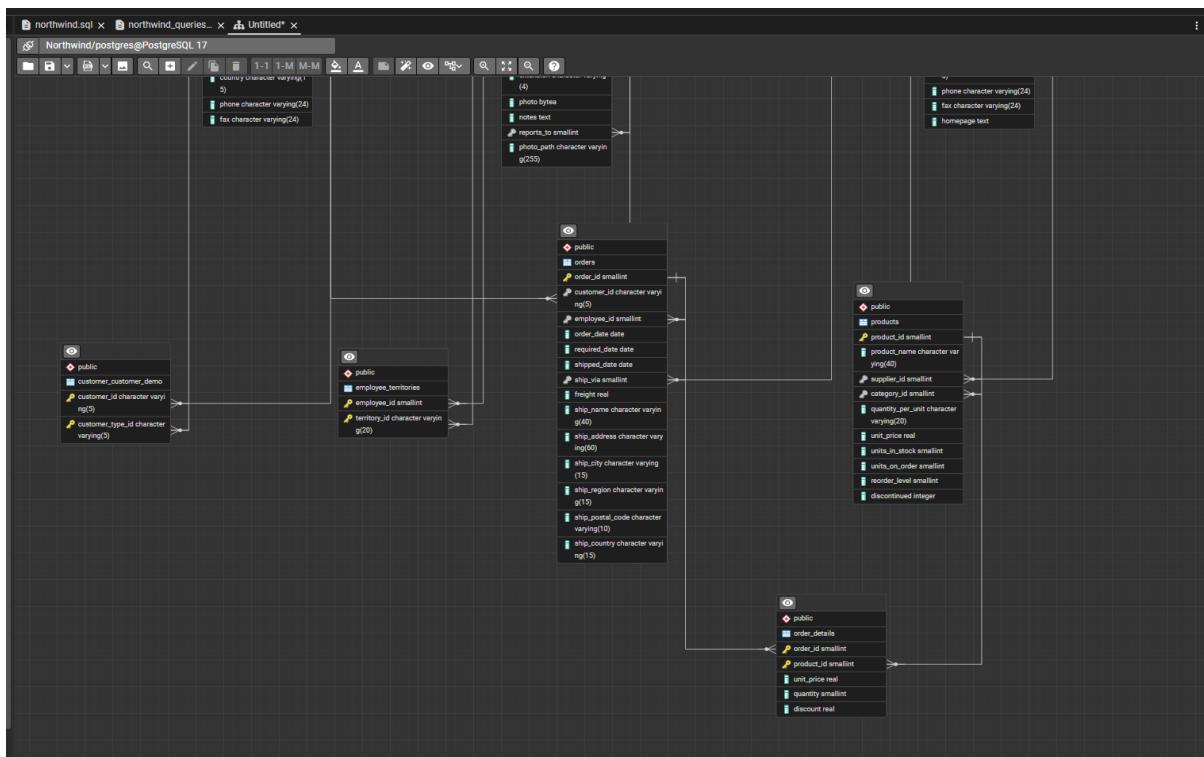
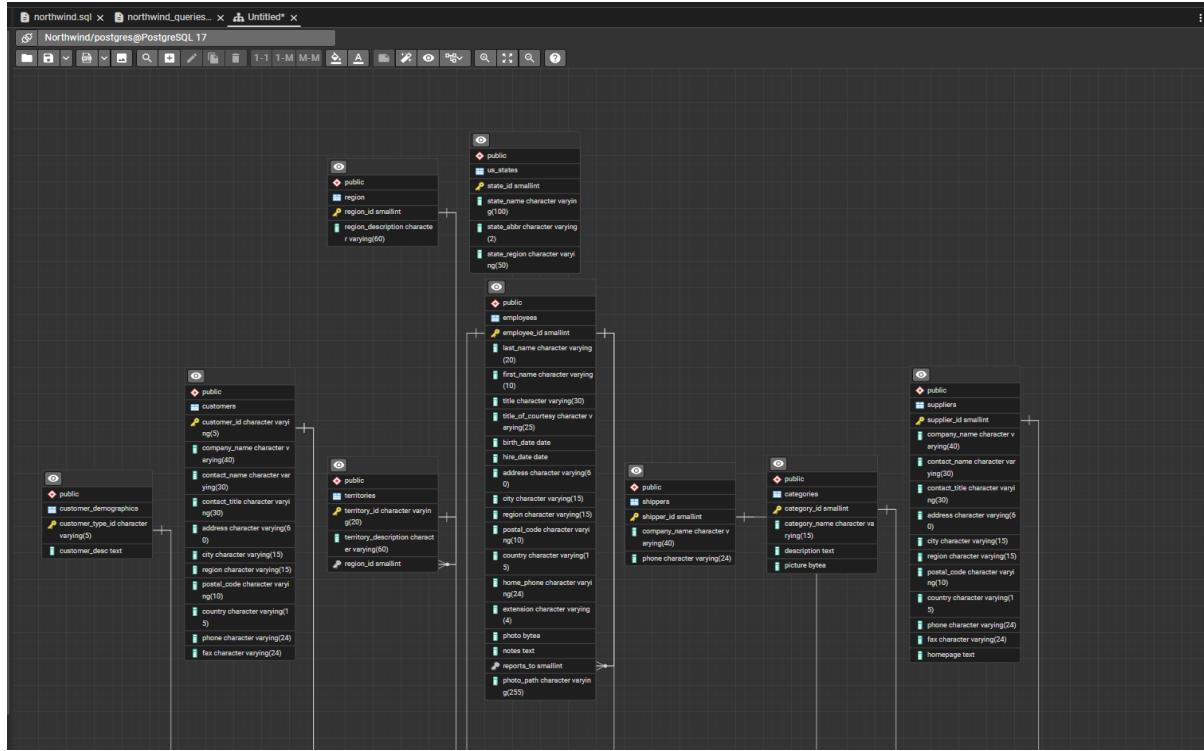
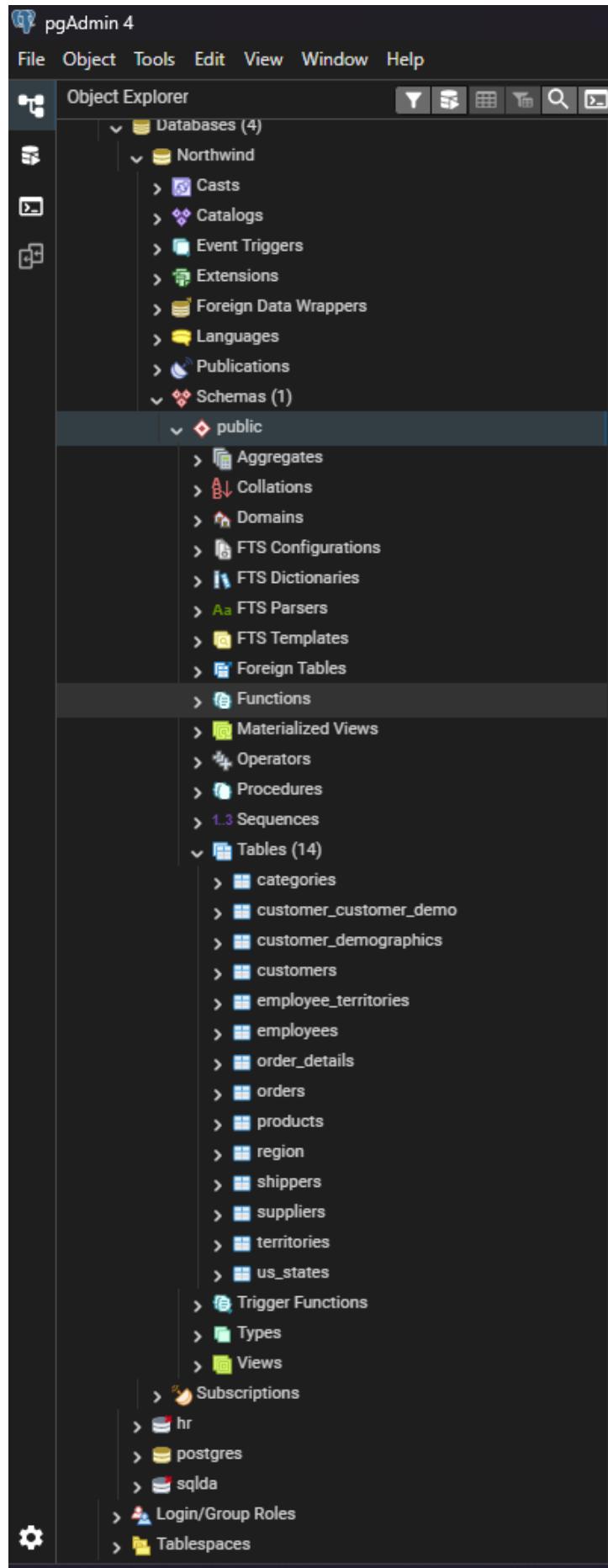


Northwind tables





Output result of Query 1

```

/*
Date: 2025-02-04
Author: Phạm Hoàng Phúc
Course: MIS443 - Business Data Management
This file contains SQL queries for the Northwind database.
The queries are written to answer Question 1 and question 2 of the lab.
*/
-- Question 1: Show all products that cost more than $20
-- Purpose: Find products with high unit price
SELECT *
FROM products
WHERE unit_price > 20;
-- Question 2: JOIN orders and customers
-- Purpose: Display order information with customer name
-- Columns: order_id, company_name, order_date
SELECT order_id, company_name, order_date
FROM orders
INNER JOIN customers
ON orders.customer_id = customers.customer_id;

```

product_id	product_name	supplier_id	category_id	quantity_per_unit	unit_price	units_in_stock	units_on_order	reorder_level	discontinued
1	4 Chef Anton's Gourmet Seafood	2	2	40 - 9 oz jars	22	55	0	0	0
2	2 Dried Apricots in Heavy Syrup	1	1	30 - 1 kg jars	21.35	0	0	0	1
3	5 Greenly's Raspberry Jam	2	2	12 - 8 oz jars	30	120	0	25	0
4	7 Uncle Bob's Organic Dried Pears	3	7	12 - 1 lb pkgs	30	15	0	10	0
5	8 Northwoods Cranberry Sauce	3	2	12-12 oz jars	40	6	0	0	0
6	9 Mishi Kobe Niku	4	6	18 - 500 g pkgs	97	29	0	0	1
7	10 Iru	4	8	12-200 ml jars	31	31	0	0	0
8	11 Queso Cabriles	5	1	4 - 1 kg pkgs	21	22	30	30	0
9	12 Queso Manchego La Pastorita	5	5	4 - 10 - 500 g pkgs.	38	80	0	0	0
10	14 Tofu	6	7	40 - 100 g pkgs.	33.25	55	0	0	0

The result shows 37 products, including their names, prices, stock information, and other related attributes.

Output result of Query 2

```

/*
Date: 2025-02-04
Author: Phạm Hoàng Phúc
Course: MIS443 - Business Data Management
This file contains SQL queries for the Northwind database.
The queries are written to answer Question 1 and question 2 of the lab.
*/
-- Question 1: Show all products that cost more than $20
-- Purpose: Find products with high unit price
SELECT *
FROM products
WHERE unit_price > 20;
-- Question 2: JOIN orders and customers
-- Purpose: Display order information with customer name
-- Columns: order_id, company_name, order_date
SELECT order_id, company_name, order_date
FROM orders
INNER JOIN customers
ON orders.customer_id = customers.customer_id;

```

order_id	company_name	order_date
1	Vine at the Cellar	1995-07-04
2	Toms Specialties	1995-07-03
3	Hanali Carnes	1995-07-08
4	10251 Victoria's Secret	1995-07-07
5	10252 Supreme Scales	1995-07-08
6	10253 New England Specialty	1995-07-10
7	10254 Chopra's Cheese	1995-07-11
8	10255 Willow Supermarket	1995-07-12
9	10256 Wellington Importers	1995-07-13
10	10257 Hillaton Alabes	1995-07-18

The query returns a combined result of orders and customers by using an INNER JOIN on customer_id.

A total of 830 records are displayed, showing the order ID, customer company name, and order date.

Power BI visualization

