**/\*1. GROUP BY with WHERE - Orders by Year and Quarter**

**Display, order year, quarter, order count, avg freight cost only for those orders where freight cost > 100\*/**

**SELECT**

**EXTRACT(YEAR FROM Order\_date) AS OrderYear,**

**EXTRACT(QUARTER FROM Order\_date) AS OrderQuarter,**

**COUNT(\*) AS OrderCount,**

**AVG(freight) AS AvgFreightCost**

**FROM**

**Orders**

**WHERE**

**freight > 100**

**GROUP BY**

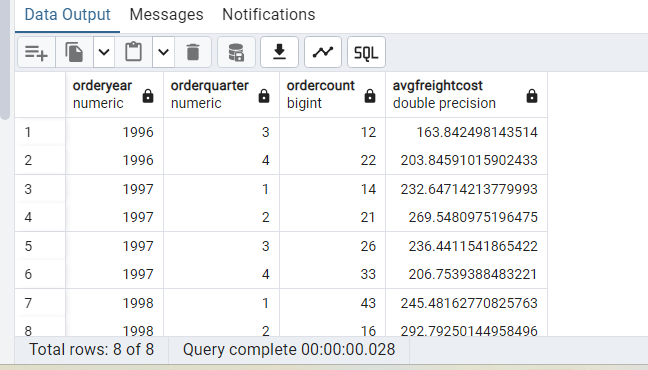
**EXTRACT(YEAR FROM Order\_date),**

**EXTRACT(QUARTER FROM Order\_date)**

**ORDER BY**

**OrderYear,**

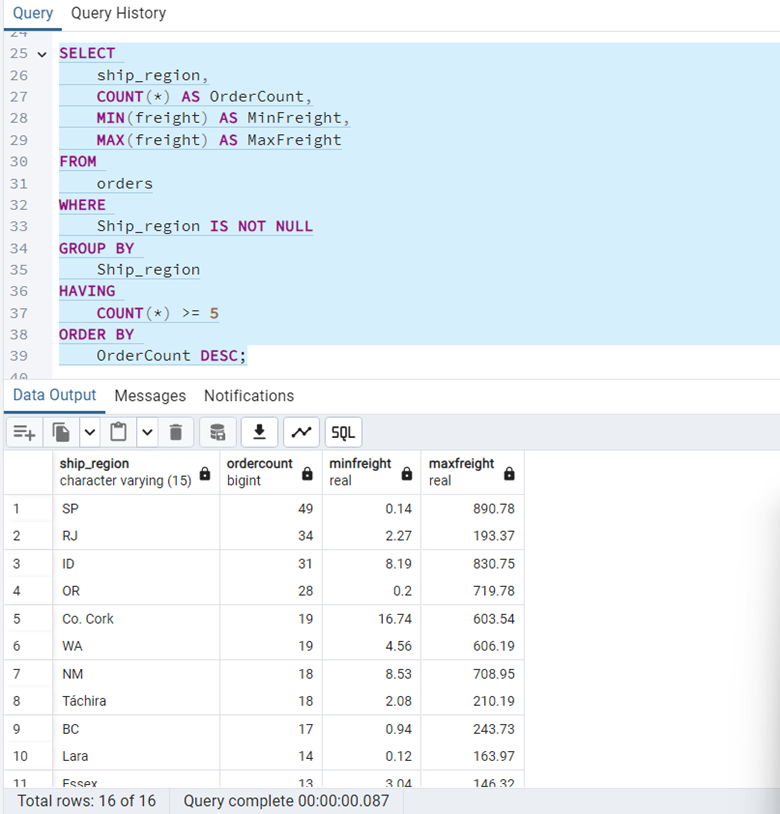
**OrderQuarter;**



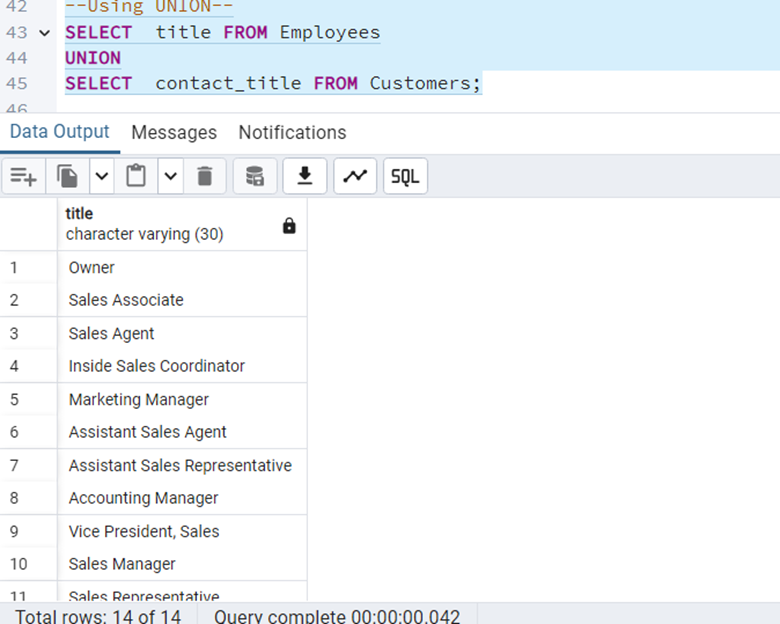
**2. GROUP BY with HAVING - High Volume Ship Regions**

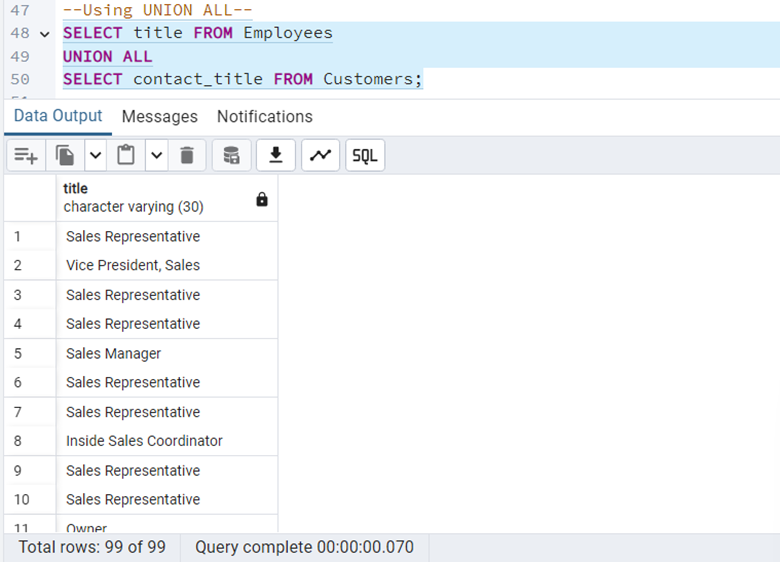
**Display, ship region, no of orders in each region, min and max freight cost**

**Filter regions where no of orders >= 5**



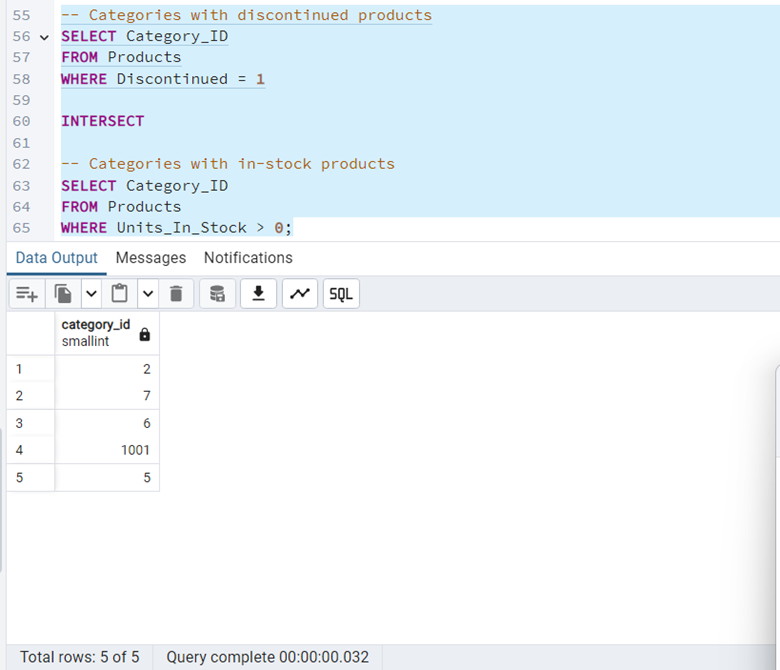
**3. Get all title designations across employees and customers ( Try UNION & UNION ALL)**





**4. Find categories that have both discontinued and in-stock products**

**(Display category\_id, instock means units\_in\_stock > 0, Intersect)**



**5. Find orders that have no discounted items (Display the order\_id, EXCEPT)**

