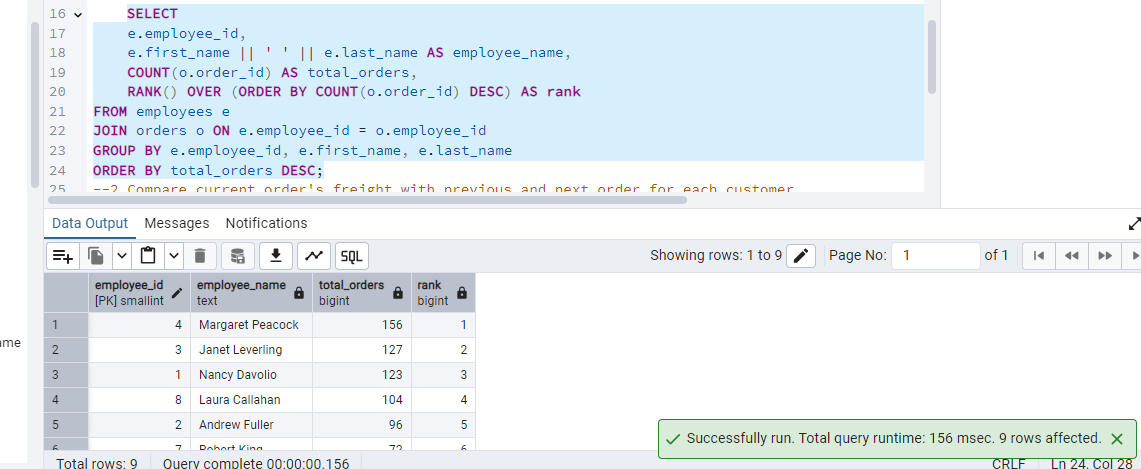
Day 7 Assignment

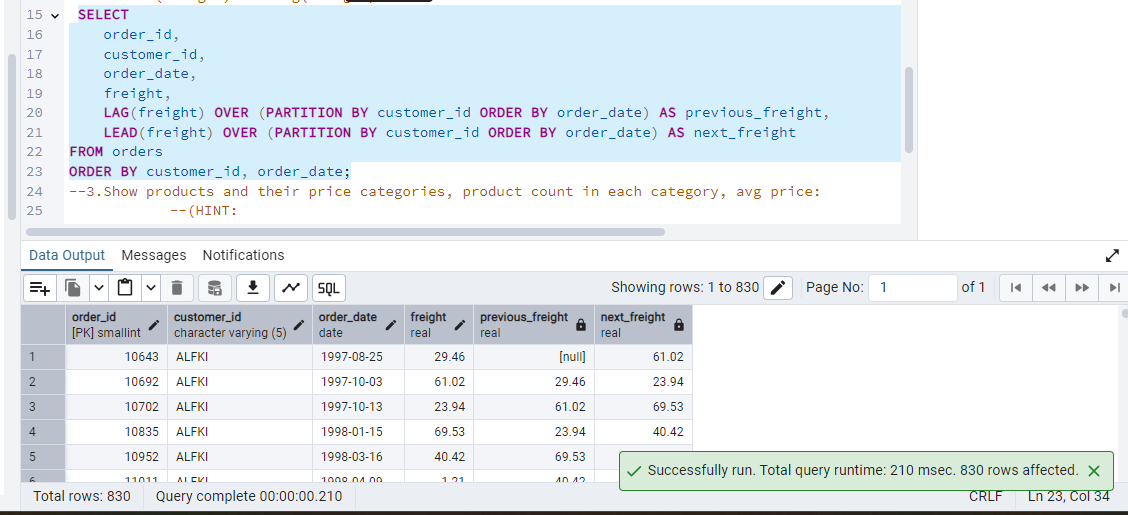
--1.Rank employees by their total sales(Total sales = Total no of orders handled, JOIN employees and orders table)



--2.Compare current order's freight with previous and next order for each customer.

--(Display order\_id, customer\_id, order\_date, freight,

--Use lead(freight) and lag(freight).



--3.Show products and their price categories, product count in each category, avg price:

--(HINT:

--·Create a CTE which should have price\_category definition:

--WHEN unit\_price < 20 THEN 'Low Price'

--WHEN unit\_price < 50 THEN 'Medium Price'

--ELSE 'High Price'

--·In the main query display: price\_category, product\_count in each price\_category, ROUND(AVG(unit\_price)::numeric, 2) as avg\_price)

WITH price\_categorized AS (

SELECT

product\_name,

unit\_price,

CASE

WHEN unit\_price < 20 THEN 'Low Price'

WHEN unit\_price < 50 THEN 'Medium Price'

ELSE 'High Price'

END AS price\_category

FROM products

)

SELECT

price\_category,

COUNT(\*) AS product\_count,

ROUND(AVG(unit\_price)::numeric, 2) AS avg\_price

FROM price\_categorized

GROUP BY price\_category

ORDER BY price\_category;

