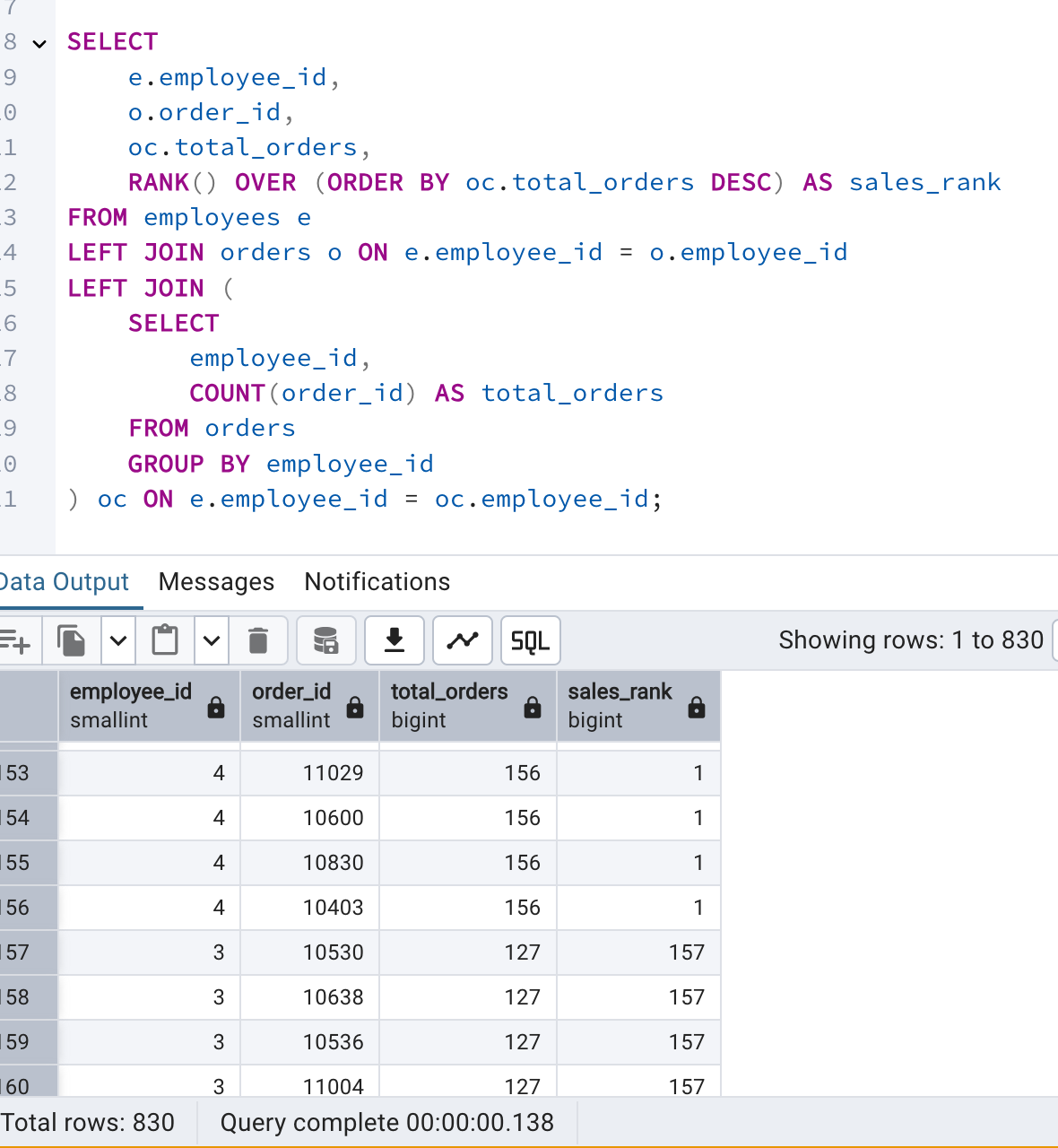
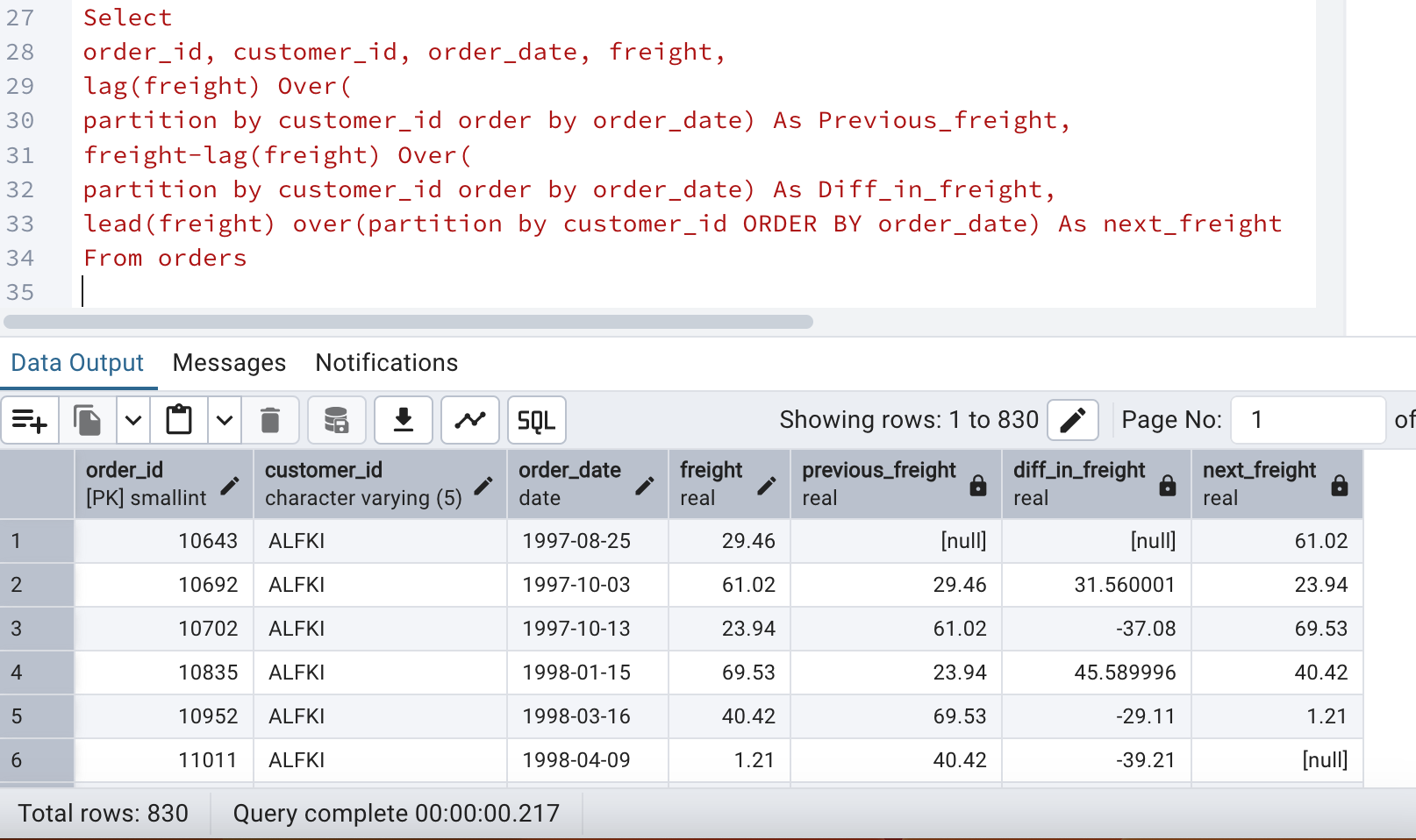
**Day 7**

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.



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 pricecategories AS (

SELECT

product\_id,

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

pricecategories

GROUP BY

price\_category

