**Assignment Day 6**

1. Categorize products by stock status

(Display product\_name, a new column stock\_status whose values are based on below condition

units\_in\_stock = 0 is 'Out of Stock'

units\_in\_stock < 20 is 'Low Stock')

select product\_name,

Case

When units\_in\_stock = 0 Then 'Out of Stock'

When units\_in\_stock < 20 Then 'Low Stock'

Else 'In Stock'

End as stock\_status

from products

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AI-generated content may be incorrect.

2. Find All Products in Beverages Category

(Subquery, Display product\_name,unitprice)

select product\_name,unit\_price

from products

Where category\_id = (select category\_id from categories where category\_name = 'Beverages')

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AI-generated content may be incorrect.

3. Find Orders by Employee with Most Sales

(Display order\_id, order\_date, freight, employee\_id.

Employee with Most Sales=Get the total no.of of orders for each employee then order by DESC and limit 1. Use Subquery)

select employee\_id,order\_id, order\_date, freight

from orders

where employee\_id = (

select employee\_id

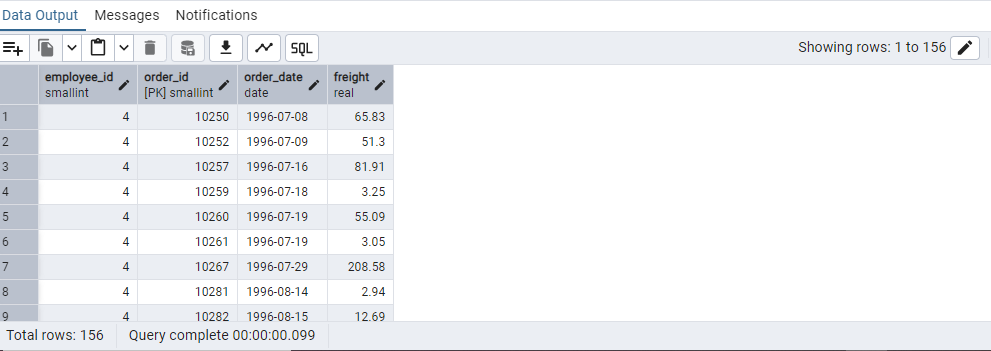
FROM orders

GROUP BY employee\_id

ORDER BY COUNT(employee\_id) DESC

LIMIT 1

)



4. Find orders where for country!= ‘USA’ with freight costs higher than any order from USA. (Subquery, Try with ANY, ALL operators)

Subquery with Any

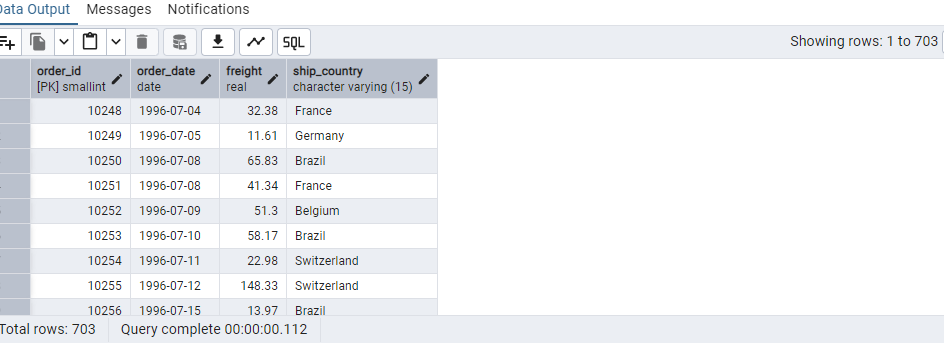
select order\_id, order\_date,freight,ship\_country

from orders

where ship\_country != 'USA'

and

freight > Any(select freight from orders where ship\_country = 'USA')

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**Subquery with All**

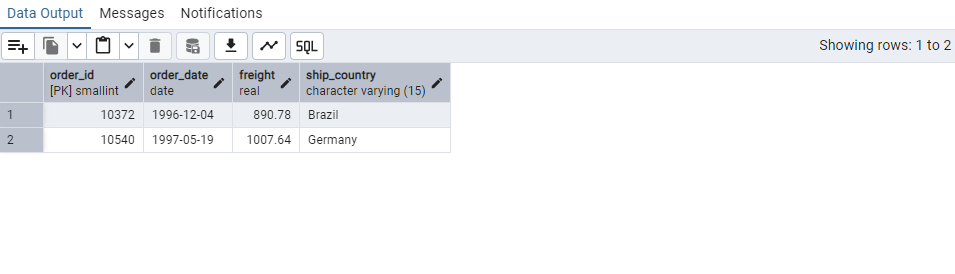
select order\_id, order\_date,freight,ship\_country

from orders

where ship\_country != 'USA'

and

freight > All(select freight from orders where ship\_country = 'USA')

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