**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')

**Query:**

SELECT

product\_name,

CASE

WHEN units\_in\_stock = 0 THEN 'Out of Stock'

WHEN units\_in\_stock < 20 THEN 'Low Stock'

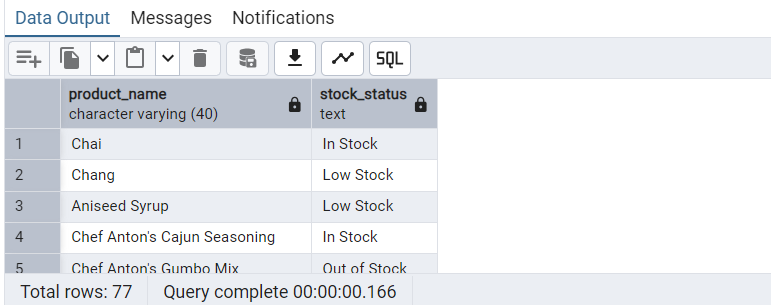
ELSE 'In Stock'

END AS stock\_status

FROM

Products;

**Output:**

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2. Find All Products in Beverages Category

(Subquery, Display product\_name,unitprice)

**Query:**

SELECT product\_name, unit\_price

FROM products

WHERE category\_id = (

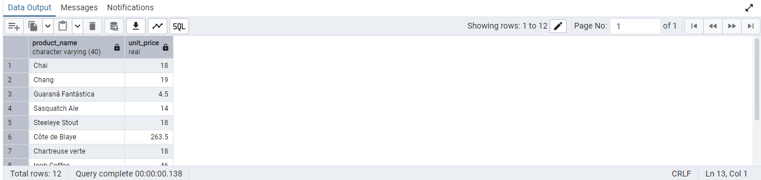
SELECT category\_id

FROM categories

WHERE category\_name = 'Beverages'

);

**Output:**



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)

**Query:**

SELECT order\_id, order\_date, freight, employee\_id

FROM orders

WHERE employee\_id = (

SELECT employee\_id

FROM (

SELECT employee\_id, COUNT(\*) AS total\_orders

FROM orders

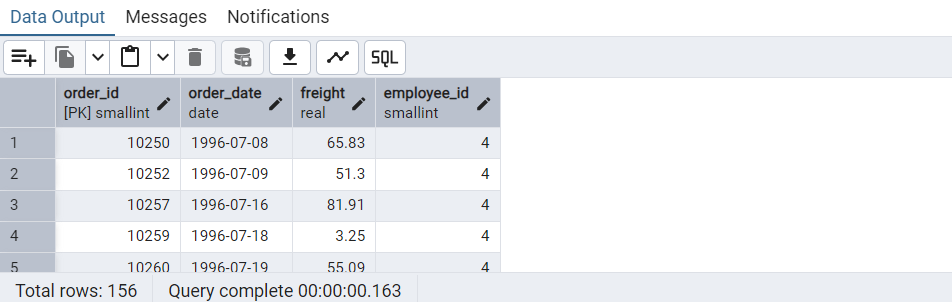
GROUP BY employee\_id

ORDER BY total\_orders DESC

LIMIT 1

) AS top\_employee

);



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

**Query:**

FROM orders

WHERE ship\_country != 'USA'

AND freight > ANY (

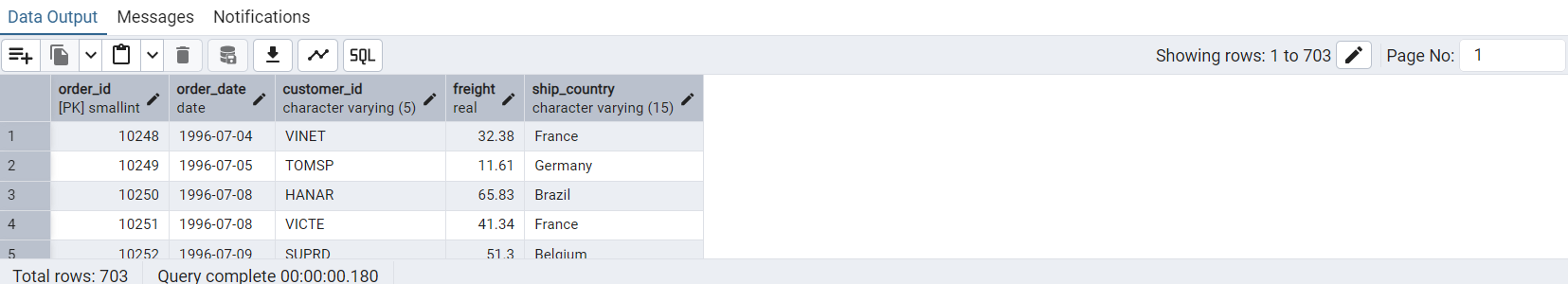
SELECT freight

FROM orders

WHERE ship\_country = 'USA'

);

**Output:**

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