Задание 2

# таблица с условиями с задачи

WITH pet\_products AS (

SELECT \* FROM store.orders

JOIN order\_lines USING(order\_id)

JOIN products USING(product\_id)

WHERE day(order\_date) BETWEEN 1 AND 15

AND category LIKE 'Продукция для животных%'

AND product NOT LIKE 'Корм Kitekat для кошек, с кроликом в соусе, 85 г%'

)

# таблица для определения клиентов, которые купили 2 любых разных корма

SELECT user\_id FROM (

SELECT user\_id, count(DISTINCT product) count FROM pet\_products

GROUP BY user\_id

HAVING count = 2

ORDER BY user\_id

) count;

Задание 3

SELECT product FROM products

JOIN (

SELECT product\_id, count(\*) count FROM order\_lines

JOIN orders USING(order\_id)

JOIN warehouses USING(warehouse\_id)

WHERE city = 'Санкт-Петербург'

AND day(order\_date) BETWEEN 15 AND 30

GROUP BY product\_id

ORDER BY count DESC

LIMIT 5

) AS counts USING(product\_id);