

74_Customers Who Bought All Products Medium - Solution

Source - <https://leetcode.com/problems/customers-who-bought-all-products/description/>

Running Notes

- Write a solution to report the customer ids from the `Customer` table that bought all the products in the `Product` table.

```
-- Write your PostgreSQL query statement below
WITH count_CTE AS (
    SELECT COUNT(DISTINCT(product_key))
    FROM Product)

SELECT customer_id
FROM Customer
GROUP BY customer_id
HAVING COUNT(DISTINCT(product_key)) = (SELECT count from count_CTE)
```

What I did here is count the number of distinct products we had, so lets say we have 2 distinct products.

So now then i get back to the customer tables and group by the customer id, and then if the count of the distinct product key is same as the count of products we have then VOILA! they are the ones who have brought all the products.

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