

1398. Customers Who Bought Products A and B but Not C Premium

Medium Topics Companies

SQL Schema Pandas Schema

Table: Customers

Column Name	Type
customer_id	int
customer_name	varchar

customer_id is the column with unique values for this table.
customer_name is the name of the customer.

Table: Orders

Column Name	Type
order_id	int
customer_id	int
product_name	varchar

order_id is the column with unique values for this table.
customer_id is the id of the customer who bought the product "product_name".

Write a solution to report the customer_id and customer_name of customers who bought products "A", "B" but did not buy the product "C" since we want to recommend them to purchase this product.

Return the result table **ordered by** customer_id.

The result format is in the following example.

Example 1:

Input:
Customers table:

customer_id	customer_name
1	Daniel
2	Diana
3	Elizabeth
4	Jhon

Orders table:

order_id	customer_id	product_name
10	1	A
20	1	B
30	1	D
40	1	C
50	2	A
60	3	A
70	3	B
80	3	D
90	4	C

Output:

customer_id	customer_name
3	Elizabeth

Explanation: Only the customer_id with id 3 bought the product A and B but not the product C.

Seen this question in a real interview before? 1/5

Yes No

Accepted 56.4K Submissions 77.8K Acceptance Rate 72.4%

Topics

Database

Companies

0 - 6 months

Meta 2

Discussion (15)