LeetCode

50 Days 50 SQL Questions
Work In Progress

Day 08/50

08. Customer Who Visited but Did Not Make Any Transactions

Question

Write a solution to find the IDs of the users who visited without making any transactions and the number of times they made these types of visits.

Return the result table sorted in **any order**.

Table

```
Input:
Visits

+----------+-------------+
| visit_id | customer_id |
+----------+-------------+
| 1        | 23          |
| 2        | 9           |
| 4        | 30          |
| 5        | 54          |
| 6        | 96          |
| 7        | 54          |
| 8        | 54          |
+----------+-------------+
```

```
Transactions

+----------------+----------+--------+
| transaction_id | visit_id | amount |
+----------------+----------+--------+
| 2              | 5        | 310    |
| 3              | 5        | 300    |
| 9              | 5        | 200    |
| 12             | 1        | 910    |
| 13             | 2        | 970    |
+----------------+----------+--------+
```

Approach

USED A LEFT JOIN ON VISIT_ID COLUMN AND RETRIEVE CUSTOMER_ID, COUNT(CUSTOMER_ID) WHERE TRANSACTION_ID IS NULL AND GROUP BY THE QUERY WITH CUSTOMER_ID.

Query

```
MySQL ∨    🔒 Auto

1    # Write your MySQL query statement below
2    SELECT v.customer_id, COUNT(v.customer_id) AS count_no_trans
3    FROM visits v LEFT JOIN transactions t ON v.visit_id = t.visit_id
4    WHERE t.transaction_id IS NULL
5    GROUP BY v.customer id;
```
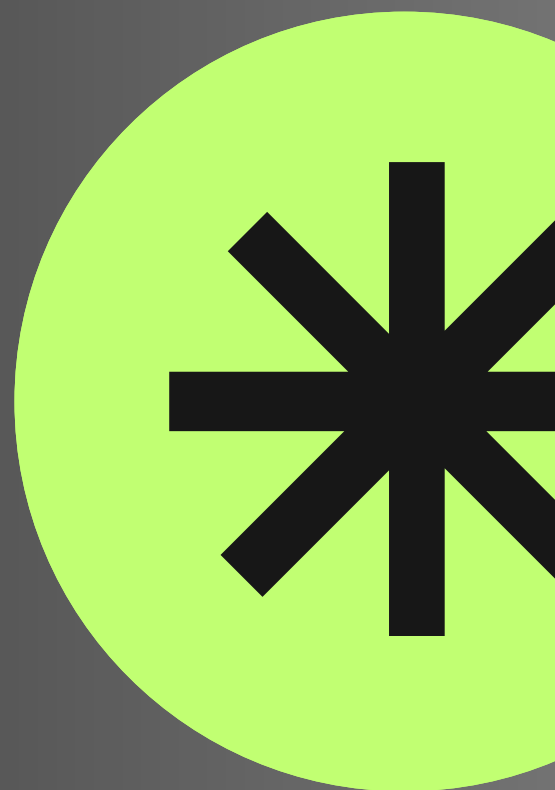
Output

```
Output:
+----------------+------------------+
| customer_id    | count_no_trans   |
+----------------+------------------+
| 54             | 2                |
| 30             | 1                |
| 96             | 1                |
+----------------+------------------+
```

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Thank You :)