# 2752. Customers with Maximum Number of Transactions on Consecutive Days Premium



SQL Schema > Pandas Schema >

Table: Transactions

Column Name	   Type
transaction_id	int
customer_id	int
transaction_date	date
amount	int

transaction\_id is the column with unique values of this table.

Each row contains information about transactions that includes unique (customer\_id, transaction\_date) along with the corresponding customer\_id and amount.

Write a solution to find all <code>customer\_id</code> who made the maximum number of transactions on consecutive days.

Return all customer\_id with the maximum number of consecutive transactions. Order the result table by customer\_id in ascending order.

The result format is in the following example.

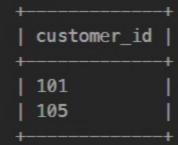
### Example 1:

#### Input:

Transactions table:

transaction_id	customer_id	transaction_date	amount
1	101	2023-05-01	100
2	101	2023-05-02	150
3	101	2023-05-03	200
4	102	2023-05-01	50
5	102	2023-05-03	100
6	102	2023-05-04	200
7	105	2023-05-01	100
8	105	2023-05-02	150
9	105	2023-05-03	200

## Output:



### Explanation:

- customer\_id 101 has a total of 3 transactions, and all of them are consecutive.
- customer\_id 102 has a total of 3 transactions, but only 2 of them are consecutive.
- customer\_id 105 has a total of 3 transactions, and all of them are consecutive.
- In total, the highest number of consecutive transactions is 3, achieved by customer\_id 101 and 105. The customer\_id are sorted in ascending order.

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



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**O** Topics

Database

Discussion (6)