

## 2230. The Users That Are Eligible for Discount Premium

Easy Topics Companies

SQL Schema > Pandas Schema >

Table: Purchases

Column Name	Type
user_id	int
time_stamp	datetime
amount	int

(user\_id, time\_stamp) is the primary key (combination of columns with unique values) for this table.  
Each row contains information about the purchase time and the amount paid for the user with ID user\_id.

A user is eligible for a discount if they had a purchase in the inclusive interval of time [startDate, endDate] with at least minAmount amount. To convert the dates to times, both dates should be considered as the **start** of the day (i.e., endDate = 2022-03-05 should be considered as the time 2022-03-05 00:00:00).

Write a solution to report the IDs of the users that are eligible for a discount.

Return the result table ordered by user\_id.

The result format is in the following example.

### Example 1:

**Input:**  
Purchases table:

user_id	time_stamp	amount
1	2022-04-20 09:03:00	4416
2	2022-03-19 19:24:02	678
3	2022-03-18 12:03:09	4523
3	2022-03-30 09:43:42	626

startDate = 2022-03-08, endDate = 2022-03-20, minAmount = 1000

**Output:**

user_id
3

**Explanation:**  
Out of the three users, only User 3 is eligible for a discount.

- User 1 had one purchase with at least minAmount amount, but not within the time interval.
- User 2 had one purchase within the time interval, but with less than minAmount amount.
- User 3 is the only user who had a purchase that satisfies both conditions.

**Important Note:** This problem is basically the same as [The Number of Users That Are Eligible for Discount](#).

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

Yes No

Accepted 5.8K | Submissions 11.5K | Acceptance Rate 50.2%

Topics

Database

Companies

0 - 6 months

Analytics quotient 2

Similar Questions

The Number of Users That Are Eligible for Discount 🔒

Easy

Discussion (1)