

Problem List

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## 2990. Loan Types Premium

Easy Topics

[SQL Schema](#) [Pandas Schema](#)

Table: Loans

Column Name	Type
loan_id	int
user_id	int
loan_type	varchar

loan\_id is column of unique values for this table.  
This table contains loan\_id, user\_id, and loan\_type.

Write a solution to find all **distinct** `user_id`'s that have **at least one Refinance** loan type and at least one **Mortgage** loan type.

Return the result table ordered by `user_id` in **ascending** order.

The result format is in the following example.

**Example 1:**

**Input:**  
Loans table:

loan_id	user_id	loan_type
683	101	Mortgage
218	101	AutoLoan
802	101	Inschool
593	102	Mortgage
138	102	Refinance
294	102	Inschool
308	103	Refinance
389	104	Mortgage

**Output**

user_id
102

**Explanation**

- User\_id 101 has three loan types, one of which is a Mortgage. However, this user does not have any loan type categorized as Refinance, so user\_id 101 won't be considered.
- User\_id 102 possesses three loan types: one for Mortgage and one for Refinance. Hence, user\_id 102 will be included in the result.
- User\_id 103 has a loan type of Refinance but lacks a Mortgage loan type, so user\_id 103 won't be considered.
- User\_id 104 has a Mortgage loan type but doesn't have a Refinance loan type, thus, user\_id 104 won't be considered.

Output table is ordered by user\_id in ascending order.

MySQL

Auto

```
1 # Write your MySQL query statement below
2
3 SELECT M.user_id FROM
4 (
5     SELECT * FROM
6     Loans
7     WHERE loan_type = "Mortgage"
8 ) AS M
9 INNER JOIN
10 (
11     SELECT * FROM
12     Loans
13     WHERE loan_type = "Refinance"
14 ) AS R
15 ON M.user_id = R.user_id
16 GROUP BY M.user_id
17 ORDER BY M.user_id
```

Saved

Ln 5, Col 19

Testcase

Test Result

Accepted Runtime: 260 ms

Case 1

Input

Loans =

loan_id	user_id	loan_type
683	101	Mortgage
218	101	AutoLoan
802	101	Inschool
593	102	Mortgage
138	102	Refinance
294	102	Inschool

View more

Output

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

Yes No

Accepted 1.6K | Submissions 2.6K | Acceptance Rate 60.9%

Topics

Discussion (1)

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