1193. Monthly Transactions I

Medium   🏷 Topics   🔒 Companies

SQL Schema ›   Pandas Schema ›

Table: `Transactions`

```
+---------------+---------+
| Column Name   | Type    |
+---------------+---------+
| id            | int     |
| country       | varchar |
| state         | enum    |
| amount        | int     |
| trans_date    | date    |
+---------------+---------+
id is the primary key of this table.
The table has information about incoming transactions.
The state column is an enum of type ["approved", "declined"].
```

Write an SQL query to find for each month and country, the number of transactions and their total amount, the number of approved transactions and their total amount.

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

The query result format is in the following example.

Example 1:

```
Input:
Transactions table:
+------+---------+----------+--------+------------+
| id   | country | state    | amount | trans_date |
+------+---------+----------+--------+------------+
| 121  | US      | approved | 1000   | 2018-12-18 |
| 122  | US      | declined | 2000   | 2018-12-19 |
| 123  | US      | approved | 2000   | 2019-01-01 |
| 124  | DE      | approved | 2000   | 2019-01-07 |
+------+---------+----------+--------+------------+
Output:
+----------+---------+-------------+----------------+-------------------+----------------------+
| month    | country | trans_count | approved_count | trans_total_amount | approved_total_amount |
+----------+---------+-------------+----------------+-------------------+----------------------+
| 2018-12  | US      | 2           | 1              | 3000              | 1000                 |
| 2019-01  | US      | 1           | 1              | 2000              | 2000                 |
| 2019-01  | DE      | 1           | 1              | 2000              | 2000                 |
+----------+---------+-------------+----------------+-------------------+----------------------+
```

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

Yes   No

Accepted **263.9K**   Submissions **452.7K**   Acceptance Rate **58.3%**