1205. Monthly Transactions II `Premium`

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SQL Schema > Pandas Schema >

Table: `Transactions`

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

Table: `Chargebacks`

```
+-----------------+---------+
| Column Name     | Type    |
+-----------------+---------+
| trans_id        | int     |
| trans_date      | date    |
+-----------------+---------+
Chargebacks contains basic information regarding incoming chargebacks from some transactions placed in Transactions table.
trans_id is a foreign key (reference column) to the id column of Transactions table.
Each chargeback corresponds to a transaction made previously even if they were not approved.
```

Write a solution to find for each month and country: the number of approved transactions and their total amount, the number of chargebacks, and their total amount.

Note: In your solution, given the month and country, ignore rows with all zeros.

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

The result format is in the following example.

Example 1:

```
Input:
Transactions table:
+-----+---------+----------+--------+------------+
| id  | country | state    | amount | trans_date |
+-----+---------+----------+--------+------------+
| 101 | US      | approved | 1000   | 2019-05-18 |
| 102 | US      | declined | 2000   | 2019-05-19 |
| 103 | US      | approved | 3000   | 2019-06-10 |
| 104 | US      | declined | 4000   | 2019-06-13 |
| 105 | US      | approved | 5000   | 2019-06-15 |
+-----+---------+----------+--------+------------+
Chargebacks table:
+----------+------------+
| trans_id | trans_date |
+----------+------------+
| 102      | 2019-05-29 |
| 101      | 2019-06-30 |
| 105      | 2019-09-18 |
+----------+------------+
Output:
+---------+---------+----------------+-----------------+----------------+-------------------+
| month   | country | approved_count | approved_amount | chargeback_count | chargeback_amount |
+---------+---------+----------------+-----------------+----------------+-------------------+
| 2019-05 | US      | 1              | 1000            | 1              | 2000              |
| 2019-06 | US      | 2              | 8000            | 1              | 1000              |
| 2019-09 | US      | 0              | 0               | 1              | 5000              |
+---------+---------+----------------+-----------------+----------------+-------------------+
```

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

`Yes` `No`

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