

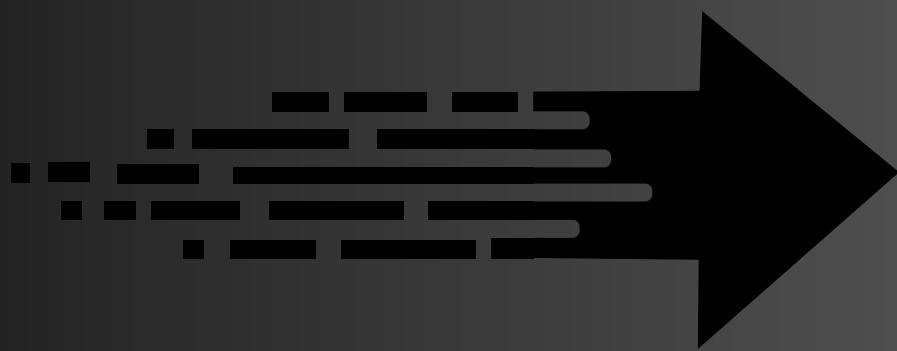


LeetCode

50 Days 50 SQL Questions
Work In Progress

Day 20/50

***20. Monthly
Transactions I***





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Question

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**.





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Table

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





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Approach

Used Date_Format() func to fetch month-year, country and then used sum with if condition to fetch the required columns and group the result by month-year and country.





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Query

MySQL ▾ 🔒 Auto

```
1  # Write your MySQL query statement below
2  SELECT DATE_FORMAT(trans_date , "%Y-%m") AS `month`,
3  country,
4  COUNT(*) AS trans_count,
5  SUM(amount) AS trans_total_amount,
6  SUM(IF(state = 'approved' , 1 , 0)) AS approved_count,
7  SUM(IF(state = 'approved', amount , 0)) AS approved_total_amount
8  FROM transactions
9  GROUP BY `month` , country;
```





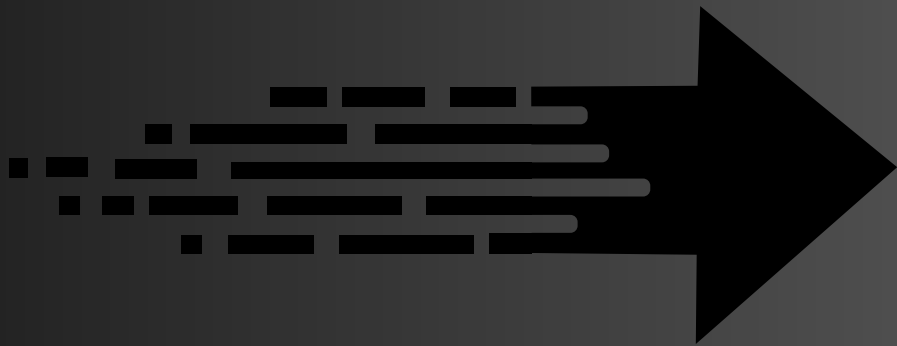
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Output

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





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thoughts in the
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Thank You :)

