

1127. User Purchase Platform Premium

Hard Topics Companies

SQL Schema > Pandas Schema >

Table: Spending

Column Name	Type
user_id	int
spend_date	date
platform	enum
amount	int

The table logs the history of the spending of users that make purchases from an online shopping website that has a desktop and a mobile application. (user_id, spend_date, platform) is the primary key (combination of columns with unique values) of this table. The platform column is an ENUM (category) type of ('desktop', 'mobile').

Write a solution to find the total number of users and the total amount spent using the mobile only, the desktop only, and both mobile and desktop together for each date.

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

The result format is in the following example.

Example 1:

Input:

Spending table:

user_id	spend_date	platform	amount
1	2019-07-01	mobile	100
1	2019-07-01	desktop	100
2	2019-07-01	mobile	100
2	2019-07-02	mobile	100
3	2019-07-01	desktop	100
3	2019-07-02	desktop	100

Output:

spend_date	platform	total_amount	total_users
2019-07-01	desktop	100	1
2019-07-01	mobile	100	1
2019-07-01	both	200	1
2019-07-02	desktop	100	1
2019-07-02	mobile	100	1
2019-07-02	both	0	0

Explanation:

On 2019-07-01, user 1 purchased using **both** desktop and mobile, user 2 purchased using mobile **only** and user 3 purchased using desktop **only**. On 2019-07-02, user 2 purchased using mobile **only**, user 3 purchased using desktop **only** and no one purchased using **both** platforms.

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

Yes No

Accepted 16.5K | Submissions 35.3K | Acceptance Rate 46.9%

Topics

Database

Companies

0 - 6 months

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Discussion (8)