

Problem 1113: Reported Posts

Problem Information

Difficulty: Easy

Acceptance Rate: 64.93%

Paid Only: Yes

Tags: Database

Problem Description

Table: `Actions`

+-----+-----+ | Column Name | Type | +-----+-----+ | user_id | int | | post_id |
int | | action_date | date | | action | enum | | extra | varchar | +-----+-----+ This table
may have duplicate rows. The action column is an ENUM (category) type of ('view', 'like',
'reaction', 'comment', 'report', 'share'). The extra column has optional information about the
action, such as a reason for the report or a type of reaction.

Write a solution to report the number of posts reported yesterday for each report reason.

Assume today is `2019-07-05`.

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

The result format is in the following example.

Example 1:

Input: Actions table:
+-----+-----+-----+-----+ | user_id | post_id |
action_date | action | extra | +-----+-----+-----+-----+ | 1 | 1 | 2019-07-01 |
view | null | | 1 | 1 | 2019-07-01 | like | null | | 1 | 1 | 2019-07-01 | share | null | | 2 | 4 |
2019-07-04 | view | null | | 2 | 4 | 2019-07-04 | report | spam | | 3 | 4 | 2019-07-04 | view | null | |
3 | 4 | 2019-07-04 | report | spam | | 4 | 3 | 2019-07-02 | view | null | | 4 | 3 | 2019-07-02 | report |
spam | | 5 | 2 | 2019-07-04 | view | null | | 5 | 2 | 2019-07-04 | report | racism | | 5 | 5 |
2019-07-04 | view | null | | 5 | 5 | 2019-07-04 | report | racism |
+-----+-----+-----+-----+ **Output:** +-----+-----+
report_reason | report_count | +-----+-----+ | spam | 1 | | racism | 2 |

+-----+-----+ **Explanation:** Note that we only care about report reasons with non-zero number of reports.

Code Snippets

MySQL:

```
# Write your MySQL query statement below
```

MS SQL Server:

```
/* Write your T-SQL query statement below */
```

PostgreSQL:

```
-- Write your PostgreSQL query statement below
```