

Table: Actions

Column Name	Type
user_id	int
post_id	int
action_date	date
action	enum
extra	varchar

There is no primary key for this table, it may have duplicate rows.

The action column is an ENUM 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 filter for the share.

Table: Removals

Column Name	Type
post_id	int
remove_date	date

post_id is the primary key of this table.

Each row in this table indicates that some post was removed due to being reported or as a result of being spam.

Write an SQL query to find the average daily percentage of posts that got removed after being reported as spam, **rounded to 2 decimal places**.

The query 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	2	2019-07-04	view	null

2	2	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	2019-07-03	view	null	
5	2	2019-07-03	report	racism	
5	5	2019-07-03	view	null	
5	5	2019-07-03	report	racism	

Removals table:

post_id	remove_date	
2	2019-07-20	
3	2019-07-18	

Output:

average_daily_percent	
75.00	

Explanation:

The percentage for 2019-07-04 is 50% because only one post of two spam reported posts were removed.
The percentage for 2019-07-02 is 100% because one post was reported as spam and it was removed.
The other days had no spam reports so the average is (50 + 100) / 2 = 75%
Note that the output is only one number and that we do not care about the remove dates.