

1107. New Users Daily Count Premium

Medium  Topics  Companies

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Table: `Traffic`

Column Name	Type
<code>user_id</code>	<code>int</code>
<code>activity</code>	<code>enum</code>
<code>activity_date</code>	<code>date</code>

This table may have duplicate rows.
The activity column is an ENUM (category) type of ('login', 'logout', 'jobs', 'groups', 'homepage').

Write a solution to reports for every date within at most `90` days from today, the number of users that logged in for the first time on that date. Assume today is `2019-06-30`.

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

The result format is in the following example.

Example 1:

Input:
Traffic table:

user_id	activity	activity_date
1	login	2019-05-01
1	homepage	2019-05-01
1	logout	2019-05-01
2	login	2019-06-21
2	logout	2019-06-21
3	login	2019-01-01
3	jobs	2019-01-01
3	logout	2019-01-01
4	login	2019-06-21
4	groups	2019-06-21
4	logout	2019-06-21
5	login	2019-03-01
5	logout	2019-03-01
5	login	2019-06-21
5	logout	2019-06-21

Output:

login_date	user_count
2019-05-01	1
2019-06-21	2

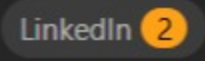
Explanation:
Note that we only care about dates with non zero user count.
The user with id 5 first logged in on 2019-03-01 so he's not counted on 2019-06-21.


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

Yes No

Accepted 37.9K | Submissions 84.9K | Acceptance Rate 44.7%

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