

# 3089. Find Bursty Behavior Premium

Medium  Topics

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Table: `Posts`

Column Name	Type
post_id	int
user_id	int
post_date	date

post\_id is the primary key (column with unique values) for this table.  
Each row of this table contains post\_id, user\_id, and post\_date.

Write a solution to find users who demonstrate **bursty behavior** in their posting patterns during February `2024`. **Bursty behavior** is defined as **any** period of **7 consecutive** days where a user's posting frequency is **at least twice** to their **average** weekly posting frequency for February `2024`.

**Note:** Only include the dates from February `1` to February `28` in your analysis, which means you should count February as having exactly `4` weeks.

Return *the result table orderd by* `user_id` in **ascending order**.

The result format is in the following example.

### Example:

Input:

Posts table:

post_id	user_id	post_date
1	1	2024-02-27
2	5	2024-02-06
3	3	2024-02-25
4	3	2024-02-14
5	3	2024-02-06
6	2	2024-02-25

Output:

user_id	max_7day_posts	avg_weekly_posts
1	1	0.2500
2	1	0.2500
5	1	0.2500

- Explanation:**
- User 1:** Made only 1 post in February, resulting in an average of 0.25 posts per week and a max of 1 post in any 7-day period.
  - User 2:** Also made just 1 post, with the same average and max 7-day posting frequency as User 1.
  - User 5:** Like Users 1 and 2, User 5 made only 1 post throughout February, leading to the same average and max 7-day posting metrics.
  - User 3:** Although User 3 made more posts than the others (3 posts), they did not reach twice the average weekly posts in their consecutive 7-day window, so they are not listed in the output.
- Note:** Output table is ordered by user\_id in ascending order.


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

Yes No

Accepted 1.1K | Submissions 2.8K | Acceptance Rate 39.4%

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