3087. Find Trending Hashtags Premium

Medium Topics

SQL Schema > Pandas Schema >

Table: Tweets

```
+---------------+----------+
| Column Name   | Type     |
+---------------+----------+
| user_id       | int      |
| tweet_id      | int      |
| tweet_date    | date     |
| tweet         | varchar  |
+---------------+----------+
tweet_id is the primary key (column with unique values) for this table.
Each row of this table contains user_id, tweet_id, tweet_date and tweet.
```

Write a solution to find the **top** 3 trending **hashtags** in **February** 2024. Each tweet only contains one hashtag.

Return *the result table orderd by count of hashtag, hashtag in* **descending** *order*.

The result format is in the following example.

Example 1:

Input:

Tweets table:

```
+----------+----------+------------------------------------------+------------+
| user_id  | tweet_id | tweet                                    | tweet_date |
+----------+----------+------------------------------------------+------------+
| 135      | 13       | Enjoying a great start to the day! #HappyDay | 2024-02-01 |
| 136      | 14       | Another #HappyDay with good vibes!       | 2024-02-03 |
| 137      | 15       | Productivity peaks! #WorkLife            | 2024-02-04 |
| 138      | 16       | Exploring new tech frontiers. #TechLife  | 2024-02-04 |
| 139      | 17       | Gratitude for today's moments. #HappyDay | 2024-02-05 |
| 140      | 18       | Innovation drives us. #TechLife          | 2024-02-07 |
| 141      | 19       | Connecting with nature's serenity. #Nature | 2024-02-09 |
+----------+----------+------------------------------------------+------------+
```

Output:

```
+-----------+--------------+
| hashtag   | hashtag_count|
+-----------+--------------+
| #HappyDay | 3            |
| #TechLife | 2            |
| #WorkLife | 1            |
+-----------+--------------+
```

Explanation:

- **#HappyDay:** Appeared in tweet IDs 13, 14, and 17, with a total count of 3 mentions.

- **#TechLife:** Appeared in tweet IDs 16 and 18, with a total count of 2 mentions.

- **#WorkLife:** Appeared in tweet ID 15, with a total count of 1 mention.

Note: Output table is sorted in descending order by hashtag_count and hashtag respectively.

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

Yes   No

Accepted **1.3K** | Submissions **2.1K** | Acceptance Rate **62.3%**

 Topics

Database

 Discussion (2)