

# 1709. Biggest Window Between Visits Premium

Medium  Topics

[SQL Schema](#) > [Pandas Schema](#) >

Table: `UserVisits`

Column Name	Type	
<code>user_id</code>	<code>int</code>	
<code>visit_date</code>	<code>date</code>	

This table does not have a primary key, it might contain duplicate rows.  
This table contains logs of the dates that users visited a certain retailer.

Assume today's date is `'2021-1-1'`.

Write a solution that will, for each `user_id`, find out the largest `window` of days between each visit and the one right after it (or today if you are considering the last visit).

Return the result table ordered by `user_id`.

The query result format is in the following example.

### Example 1:

**Input:**  
UserVisits table:

user_id	visit_date	
1	2020-11-28	
1	2020-10-20	
1	2020-12-3	
2	2020-10-5	
2	2020-12-9	
3	2020-11-11	

**Output:**

user_id	biggest_window	
1	39	
2	65	
3	51	

**Explanation:**  
For the first user, the windows in question are between dates:  
- 2020-10-20 and 2020-11-28 with a total of 39 days.  
- 2020-11-28 and 2020-12-3 with a total of 5 days.  
- 2020-12-3 and 2021-1-1 with a total of 29 days.  
Making the biggest window the one with 39 days.  
For the second user, the windows in question are between dates:  
- 2020-10-5 and 2020-12-9 with a total of 65 days.  
- 2020-12-9 and 2021-1-1 with a total of 23 days.  
Making the biggest window the one with 65 days.  
For the third user, the only window in question is between dates 2020-11-11 and 2021-1-1 with a total of 51 days.


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


Yes No

Accepted 25.6K | Submissions 36.4K | Acceptance Rate 70.4%

 Topics

Database

 Similar Questions

Users With Two Purchases Within Seven Days 

Medium

 Discussion (6)