1142. User Activity for the Past 30 Days II

Description

Write a solution to find the average number of sessions per user for a period of 30 days ending 2019-07-27 inclusively, rounded to 2 decimal places. The sessions we want to count for a user are those with at least one activity in that time period.

The result format is in the following example.

Example 1:

<pre>Input: Activity table: +</pre>			
user_id +		activity_date	activity_type +
:	1	2019-07-20	open_session
1	1	2019-07-20	scroll_down
1	1	2019-07-20	end_session
2	4	2019-07-20	open_session
2	4	2019-07-21	send_message
2	4	2019-07-21	end_session
3	2	2019-07-21	open_session
3	2	2019-07-21	send_message
3	2	2019-07-21	end_session
3	5	2019-07-21	open_session
3	5	2019-07-21	scroll_down
3	5	2019-07-21	end_session
4	3	2019-06-25	open_session
4	3	2019-06-25	end_session
++++++ Output: ++			
average_sessions_per_user			
++			
1.33			
:		+	
Explanation: User 1 and 2 each had 1 session in the pa			