# 2720. Popularity Percentage Premium

SQL Schema > Pandas Schema >

Table: Friends

Col	umn Nam	ne   Type
use	r1	int
use	r2	int
1		

(user1, user2) is the primary key (combination of unique values) of this table. Each row contains information about friendship where user1 and user2 are friends.

Write a solution to find the popularity percentage for each user on Meta/Facebook. The popularity percentage is defined as the total number of friends the user has divided by the total number of users on the platform, then converted into a percentage by multiplying by 100, rounded to 2 decimal places.

Return the result table ordered by user1 in ascending order.

The result format is in the following example.

#### Example 1:

# 

#### Output:

+	
user1	percentage_popularity
   1	55.56
2	33.33
3	33.33
4	11.11
5	11.11
6	22.22
7	11.11
8	11.11
9	11.11

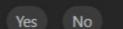
### Explanation:

There are total 9 users on the platform.

- User "1" has friendships with 2, 3, 4, 5 and 6. Therefore, the percentage popularity for user 1 would be calculated as (5/9) \* 100 = 55.56.
- User "2" has friendships with 1, 6 and 7. Therefore, the percentage popularity for user 2 would be calculated as (3/9) \* 100 = 33.33.
- User "3" has friendships with 1, 8 and 9. Therefore, the percentage popularity for user 3 would be calculated as (3/9) \* 100 = 33.33.
- User "4" has friendships with 1. Therefore, the percentage popularity for user 4 would be calculated as (1/9) \* 100 = 11.11.

  User "5" has friendships with 1. Therefore, the percentage popularity for user 5 would be calculated as (1/9) \* 100 = 11.11.
- User "6" has friendships with 1 and 2. Therefore, the percentage popularity for user 6 would be calculated as (2/9) \* 100 = 22.22.
- User "7" has friendships with 2. Therefore, the percentage popularity for user 7 would be calculated as (1/9) \* 100 = 11.11.
- User "8" has friendships with 3. Therefore, the percentage popularity for user 8 would be calculated as (1/9) \* 100 = 11.11.
- User "9" has friendships with 3. Therefore, the percentage popularity for user 9 would be calculated as (1/9) \* 100 = 11.11. user1 is sorted in ascending order.

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



Accepted 2.2K | Submissions 4.1K | Acceptance Rate 52.5%



Database

Discussion (1)