# Twitter Set 33

Question 1: Find the number of weakly connected components in the given database based on the 'FOLLOWS' relationship between users.Return the number as 'componentCount'.

Enter answer query as text:

Screenshot of query output:

Question 2: On an average, how many followers are there for a user? Return the count as avg\_followers\_per\_user.

Enter answer query as text:

Screenshot of query output:

Question 3: Find the most influential user based on eign vector centrality, considering 'FOLLOWS' relationship, return user's name as 'user\_name' and user's centrality value as 'centrality\_score'.

Enter answer query as text:

Screenshot of query output:

Question 4: Return the number of tweets that have a score of 0.75, based on closeness centrality, through the RETWEETED and REPLY\_TO relationships. Return the number of tweets as 'count'.

Enter answer query as text:

Screenshot of query output:

Question 5: Return score of the 5 topmost retweeted and replied to tweets, based on betweenness centrality, return the tweet id as 'id' and it's score as 'betweenness'.

Enter answer query as text:

Screenshot of query output:

Question 6: Provide the names of 5 users alphabetically of a strongly connected component of size 5, based on 'FOLLOWS' relationship.

Enter answer query as text:

Screenshot of query output:

Question 7: Find the 5 most influential tweets in terms of eign vector centrality by considering the REPLY\_TO and RETWEETS relationships, return tweet id as 'tid' and tweet's centrality value as 'centrality'.

Enter answer query as text:

Screenshot of query output:

Question 8: List 5 users in alphabetical order belonging to the largest weakly connected component in terms of size for 'FOLLOWS' relationship between users. Return user name as 'UserName' and component id as 'WccId'.

Enter answer query as text:

Screenshot of query output:

Question 9: Name a user who doesn't follow anyone who follows him/her or is not followed by anyone who he/she follows and belongs to the location 'Jezero Crater, Mars'. Return the user name as 'UserName', component id as 'ComponentId', location as 'Location'.

Enter answer query as text:

Screenshot of query output:

Question 10: Find the diameter of the subgraph where the relationship considered is : User- [Posts] -> Tweet -[Tags]->Hashtag. Return the diameter under the column name 'diameter'.

Enter answer query as text:

Screenshot of query output: