

Feedback — Assignment 8

[Help](#)

You submitted this quiz on **Sat 14 Dec 2013 11:32 AM PST**. You got a score of **4.00** out of **10.00**. You can [attempt again](#), if you'd like.

In this assignment, I've taken the data from the forums of this very course, from week 1. (Only the video lectures and quiz 1 forums).

I'd like to point out that you yourself could compile this same data by clicking on every forum post or using a web crawler (note that a couple threads are excluded because they only involved zero or one non-anonymous posters). While I'm at it, I'd also like to point out that it would be an awesome discovery with models analysis to correlate this data to student grades on the first assignment... but at least some of you probably wouldn't like for me to post your surprisingly-easy-to-reidentify assignment grades to 43,000+ people.

The data sheet has four columns: the post ID, the poster's ID, the thread the post was in, and which post this post was a response to.

Question 1

How many possible connections are there between individuals in this graph, not counting self-connections, and assuming that link direction does not matter?

You entered:

Your Answer	Score	Explanation
5356	× 0.00	
Total	0.00 / 1.00	

Question 2

Only counting connections where poster A actually responds directly to poster B (and not connections where they both posted in the same thread), how many connections are there between individuals in this graph? (don't count self-connections and assume that link direction does not matter)

You entered:

Your Answer	Score	Explanation
	✖ 0.00	
Total	0.00 / 1.00	

Question 3

What is the density of the social network graph? (Don't count self-connections and assume that link direction does not matter.) (give two digits after the decimal. Round down.)

You entered:

Your Answer	Score	Explanation
	✖ 0.00	
Total	0.00 / 1.00	

Question 4

What is the geodesic distance between 12345 and 24601?

You entered:

Your Answer**Score****Explanation**

✗

0.00

Total

0.00 / 1.00

Question 5

What is the geodesic distance between 3903 and 1588?

You entered:

Your Answer**Score****Explanation**

✗

0.00

Total

0.00 / 1.00

Question 6

Which of these nodes is not reachable?

Your Answer**Score****Explanation**☐ 22986☐ 81734☒ 87908

✓

1.00

☐ 74577

Total

1.00 / 1.00

Question 7

Which individual has the most posts?

You entered:

24601

Your Answer		Score	Explanation
24601	✓	1.00	
Total		1.00 / 1.00	

Question 8


Which individual is most often responded to by other posters? (the in-degree)

You entered:

Your Answer		Score	Explanation
	✗	0.00	
Total		0.00 / 1.00	

Question 9

Who are these individuals most likely to be?

Your Answer		Score	Explanation
 Ryan Baker and Luc Paquette	✓	1.00	

☐ Cat Power and Bob Dylan

☐ Andrew Ng and Daphne Koller

☐ Two of my classmates

Total

1.00 / 1.00

Question 10

Which individual has the highest centrality, and is therefore "most important" to the course?
(Note: to calculate this you could use a tool like UCInet, or for this assignment, you could just guess) (Note: this item is intentionally vague as to whether it's requesting betweenness, closeness, or eigenvector centrality)

Your Answer

Score

Explanation

☐ 26657

☐ 14644

☐ 24601

☒ 12345



1.00

Total

1.00 / 1.00