

Course outline

How does an NPTEL online course work?

Prerequisite Assignment

Welcome to PSOSM class

Introduction to Social Media API

Misinformation and Privacy

Privacy and Pictures on Online Social Media

Policing and Social Media

E-crime and social media

- ☐ Week 6.1: eCrime on Online Social Media
- ☐ Week 6.2 eCrime on Online Social Media
- ☐ Tutorial 4 Social Network Analysis
- ☐ Week 6 Feedback Form : Privacy and Security in Online Social Media

Quiz: Week 6 : Assignment 1

Social media and ecrime

Identity resolution and social media

Research papers: Location based Privacy

Research Papers Part - II

Week 11: Summary

Lecture materials/Notes

Text Transcripts

Download videos

Books

Week 6 : Assignment 1

The due date for submitting this assignment has passed.

Due on 2023-03-08, 23:59 IST.

Assignment submitted on 2023-03-05, 12:20 IST

1) Which of the following profiles are legitimate?

1 point

- ☐ Prabhas - @PrabhasRaju
- ☒ Rajinikanth - @rajinikanth
- ☐ KTR- @KTRTRS
- ☒ Ponnuram Kumaraguru "PK"- @ponguru

Yes, the answer is correct.

Score: 1

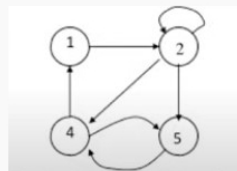
Accepted Answers:

Rajinikanth - @rajinikanth

Ponnuram Kumaraguru "PK"- @ponguru

2) What are the second node's indegree and outdegree in the graph below?

1 point



- ☒ Indegree- 2, Outdegree-3
- ☐ Indegree- 2, Outdegree-2
- ☐ Indegree- 1, Outdegree-2
- ☐ Indegree- 1, Outdegree-3

Yes, the answer is correct.

Score: 1

Accepted Answers:

Indegree- 2, Outdegree-3

3) An Adjacency matrix and XML file format are preferable for representing

1 point

- ☐ Graph data
- ☐ Tabular data
- ☒ Both a and b
- ☐ None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Graph data

4) The Facebook team asked you to find the most popular person in this friendship network, which centrality measure is the most appropriate?

1 point

- ☐ Betweenness
- ☒ Degree
- ☐ Closeness
- ☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

Degree

5) [True / False] Spamming can get you suspended on Twitter?

1 point

- ☒ True
- ☐ False

Yes, the answer is correct.

Score: 1

Accepted Answers:

True

6) What is a legit way to identify the popularity of a web page?

1 point

- ☐ Link farming
- ☒ PageRank

Yes, the answer is correct.

Score: 1

Accepted Answers:

PageRank

7) Select the true statement(s):

1 point

- ☐ Impersonation account has access to the user id and password of the target person.
- ☐ Klout score is influenced by twitter indegree
- ☒ An of fishes person into handling over her login credentials to exploit personal information

- ☒ Act of tricking someone into handing over her login credentials to exploit personal information
- ☐ Impersonation in the form of Fan accounts is a crime.

Partially Correct.
Score: 0.5

Accepted Answers:

Klout score is influenced by twitter indegree

Act of tricking someone into handing over her login credentials to exploit personal information

8) What does network diameter signify?

1 point

- ☐ The hierarchical size of a network
- ☒ The linear size of a network
- ☐ Variation in the node membership
- ☐ Number of communities in the network

Yes, the answer is correct.

Score: 1

Accepted Answers:

The linear size of a network

9) Which of the following statements are true for Link Farmers?

1 point

- ☐ Top Link farmers have high indegree as compared to Spammers
- ☐ Top Link farmers have lower indegree as compared to Spammers
- ☐ Node indegree of Link Farmers are the same as any Random samples
- ☒ Node indegree of Link Farmers are higher than any Random samples

Partially Correct.

Score: 0.5

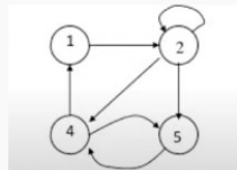
Accepted Answers:

Top Link farmers have high indegree as compared to Spammers

Node indegree of Link Farmers are higher than any Random samples

10) What are the node 4- indegree and outdegree in the graph below?

1 point



- ☒ Indegree- 2, Outdegree-2
- ☐ Indegree- 3, Outdegree-2
- ☐ Indegree- 1, Outdegree-2
- ☐ Indegree- 1, Outdegree-2

Yes, the answer is correct.

Score: 1

Accepted Answers:

Indegree- 2, Outdegree-2

