Unit 9 - Social media and ecrime

Register for Certification exam

Course outline

How to access the portal
Prerequisite
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
Social media and ecrime
- Week-7.1: Link Farming in Online Social Media
- Week-7.2: Nudges
- Week-7.3: Semantic attacks: Spear phishing
- Tutorial 5: Analyzing text using Python NLTK
- Quiz : Assignment 7
- Week -7 Feedback Form

Identity resolution and social media
Research papers: Location based Privacy
Research Papers Part - II
Week 11: Summary
Download Videos
TEXT TRANSCRIPTS
Interaction Session
TRANSLATION

Assignment 7

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2019-03-20, 23:59 IST.

1) What is reciprocity? *1 point*

- The probability of someone following an account
- The probability of an account following someone
- The probability of someone following me back, given that I follow that person
- Both A and B

No, the answer is incorrect.
Score: 0

Accepted Answers:
The probability of someone following me back, given that I follow that person

2) In the context of spamming, which of the following are true? *1 point*

- Users with low indegree don't reciprocate to links from spammers
- Responsiveness increases with the number of followers
- Users with large indegree tend to follow back more
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above

3) According to Pagerank, who is the top link farmer? *1 point*

- Britney Spears
- Barack Obama
- UK Prime Minister
- JetBlue Airways

No, the answer is incorrect.
Score: 0

Accepted Answers:
Barack Obama

4) Which of the following groups is likely to have the highest indegree on Twitter? *1 point*

- Spammers
- A randomly selected sample of users
- Top 100k link farmers
- All of the above have the same in degree on average

No, the answer is incorrect.
Score: 0

Accepted Answers:
Top 100k link farmers

5) Which of the following groups is likely to have the highest outdegree on Twitter? *1 point*

- Spammers
- A randomly selected sample of users
- Top 100k link farmers
- All of the above have the same in degree on average

No, the answer is incorrect.
Score: 0

Accepted Answers:
Top 100k link farmers

6) Approximately, what is the most common indegree/outdegree ratio amongst the top link farmers? *1 point*

- 1
- 0.5
- 1.5
- 0.75

No, the answer is incorrect.
Score: 0

Accepted Answers:
1

7) What is Facemail? *1 point*

- A clone of Facebook
- A program that would show a person's face when an email is addressed to him/her.
- An email client for Android
- A program used to detect faces

No, the answer is incorrect.
Score: 0

Accepted Answers:
A program that would show a person's face when an email is addressed to him/her.

8) What was the main aim of Facemail? *1 point*

- To help users make informed decisions while sending out emails
- To reduce spamming
- To reduce link farming
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
To help users make informed decisions while sending out emails

9) What does IRB stand for in the context of getting the required permissions before conducting a study? *1 point*

- Information Review Board
- Institutional Review Board
- Internal Review Board
- Industrial Review Board

No, the answer is incorrect.
Score: 0

Accepted Answers:
Institutional Review Board

10) Which of the following "nudges" were included for the experiment on Facebook? *1 point*

- Timer nudge
- Sentiment nudge
- Picture nudge
- Sensitivity nudge

No, the answer is incorrect.
Score: 0

Accepted Answers:
Timer nudge
Sentiment nudge
Picture nudge

11) Which of the following is/are true regarding the semantic barrier? *1 point*

- If the barrier is large, you are more likely to fall for semantic attacks
- If the barrier is large, you are less likely to fall for semantic attacks
- It is the difference between what you think a system is doing, and what a system thinks you're doing.
- It is a firewall to protect yourself from semantic attacks.

No, the answer is incorrect.
Score: 0

Accepted Answers:
If the barrier is large, you are more likely to fall for semantic attacks
It is the difference between what you think a system is doing, and what a system thinks you're doing.

12) Which of the following is/are types of phishing attacks? *1 point*

- Whaling
- Vishing
- SMSishing
- Spear phishing

No, the answer is incorrect.
Score: 0

Accepted Answers:
Whaling
Vishing
SMSishing
Spear phishing

13) In the phishing experiment talked about in the lecture, which of the following had the highest percentage of successful phishes? *1 point*

- From male to female
- From female to male
- From male to male
- From female to female

No, the answer is incorrect.
Score: 0

Accepted Answers:
From male to female

14) In the same phishing experiment, which of the following class of students was the most vulnerable to social phishing attacks? *1 point*

- Senior
- Junior
- Sophomore
- Freshman

No, the answer is incorrect.
Score: 0

Accepted Answers:
Freshman

15) In the same phishing experiment, students belonging to which of the following majors were the most vulnerable to social phishing attacks? *1 point*

- Business
- Education
- Liberal Arts
- Science

No, the answer is incorrect.
Score: 0

Accepted Answers:
Science

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