

Course outline

How does an NPTEL online course work?

Prerequisite Assignment

Welcome to PSOSM class

Introduction to Social Media API

- ☐ Week 2.1 OSM APIs and tools for data collection
- ☐ Week-2.2 Trust and Credibility on OSM
- ☒ Tutorial 2 Reddit API
- ☐ Week 2 Feedback Form : Privacy and Security in Online Social Media

● Quiz: Week 2 : Assignment 1

Misinformation and Privacy

Privacy and Pictures on Online Social Media

Policing and Social Media

E-crime and social media

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 2 : Assignment 1

The due date for submitting this assignment has passed.

Due on 2023-02-08, 23:59 IST.

Assignment submitted on 2023-02-05, 12:42 IST

1) Which of the following is/are false about RoboMongo (Robo3T)?

1 point

- ☐ RoboMongo is a free and open-source graphical user interface for MongoDB.
- ☐ It allows developers to interact with MongoDB databases in a visual and user-friendly way.
- ☐ It doesn't provide features such as in-place editing, SSL/TLS support, and support for MongoDB Atlas clusters.
- ☒ None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

It doesn't provide features such as in-place editing, SSL/TLS support, and support for MongoDB Atlas clusters.

2) Choose / Match the most appropriate option with respect to data collection:

1 point

Data	API
1. submissions data	i) Reddit
2. Other user's comments data	ii) Twitter
3. user profile data	iii) Facebook

- ☒ 1- i) 2. iii) 3. ii)
- ☐ 1- ii) 2. i) 3. iii)
- ☐ 1- iii) 2. ii) 3. i)
- ☐ 1- i) 2. i) 3. ii)

No, the answer is incorrect.

Score: 0

Accepted Answers:

1- i) 2. i) 3. ii)

3) Which of the following statements is/are true?

1 point

S1: Research on Hurricane Sandy and Boston blasts shows how Twitter users debunk falsehoods during disasters.
S2: Boston Blasts happened on 15 April 2013.

- ☐ S1
- ☐ S2
- ☒ Both
- ☐ None

Yes, the answer is correct.

Score: 1

Accepted Answers:

Both

4) Which of the following statements are true about Relational Databases?

1 point

- i. They provided a standard way of representing and querying data and are table-based.
- ii. They are a good fit for static datasets.
- iii. The relationships between tables in a relational database are defined by using keys.

- ☐ i, iii
- ☐ i, ii
- ☐ ii, iii
- ☒ All are correct

Yes, the answer is correct.

Score: 1

Accepted Answers:

All are correct

5) Which of the following is/are designed to handle large amounts of unstructured and semi-structured data?

1 point

- ☒ CouchDB
- ☐ Oracle SQL
- ☒ MongoDB
- ☐ JavaDB

Yes, the answer is correct.

Score: 1

Accepted Answers:

CouchDB

MongoDB

6) Which of the following can be potentially used to collect the below data?

1 point





- ☐ MySQL
- ☒ Graph API
- ☐ Facebook API
- ☐ RoboMongo

Yes, the answer is correct.
Score: 1

Accepted Answers:
Graph API

7) Which of the following is/are a Visualization tool?

1 point

- ☐ PhpMyAdmin
- ☒ RoboMongo
- ☒ Compass
- ☒ Tableau

Partially Correct.
Score: 0.75

Accepted Answers:
PhpMyAdmin
RoboMongo
Compass
Tableau

8) Which features perform better to distinguish fake and legitimate tweets?

1 point

- ☐ tweet-based features
- ☐ Meta-data features
- ☐ user-based features
- ☒ All the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
tweet-based features

9) Tweet about "Floods in McDonald's at Virginia beach" is related to which Misinformation news spreads?

1 point

- ☐ Boston's explosion
- ☒ Hurricane Sandy
- ☐ Shootouts in the Mexican city
- ☐ None of the above

Yes, the answer is correct.
Score: 1

Accepted Answers:
Hurricane Sandy

10) Choose the correct statement (s):

1 point

- ☒ Inter-annotator agreement is used to calculate how good/bad annotations are.
- ☒ NoSQL databases have a flexible schema, which means that the structure of the data can change over time.
- ☒ Kohen's Kappa is one of the best ways to calculate inter-annotator agreement.
- ☒ It is not important to report how trustworthy the annotation is.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Inter-annotator agreement is used to calculate how good/bad annotations are.
NoSQL databases have a flexible schema, which means that the structure of the data can change over time.
Kohen's Kappa is one of the best ways to calculate inter-annotator agreement.

11) JSON refers to

1 point

- ☒ Javascript Object Notation
- ☐ Javascript Object Number
- ☐ Java Object Notation
- ☐ Java Operational Notation

Yes, the answer is correct.
Score: 1

Accepted Answers:
Javascript Object Notation

12) Choose the correct statement (s):

0 points

S1: The decision tree picks the best features from the available data than naive Bayes.

S2: Naive Bayes algorithm is harder to debug.

- ☐ Only S1 is true
- ☐ Only S2 is true
- ☒ Both S1 and S2 are true
- ☐ Both S1 and S2 are false

Yes, the answer is correct.
Score: 0

Accepted Answers:
Both S1 and S2 are true

13) Which of the following is/are python wrappers to collect data?

1 point

- ☒ PRAW
- ☐ reddit_api
- ☐ API_wrapper
- ☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

PRAW

14) Which of the following option(s) is/are true about API?

1 point

- ☐ APIs cannot be designed for external use by third-party developers to access the functionality and data of an application.
- ☒ The API is a set of rules and protocols for building and interacting with software applications.
- ☒ An API allows different systems to communicate with each other over a network, such as through HTTP requests and responses.
- ☒ APIs can access a wide range of functionality and data, such as retrieving data from a database, creating or updating resources, or performing operations on a remote system.

Yes, the answer is correct.

Score: 1

Accepted Answers:

The API is a set of rules and protocols for building and interacting with software applications.

An API allows different systems to communicate with each other over a network, such as through HTTP requests and responses.

APIs can access a wide range of functionality and data, such as retrieving data from a database, creating or updating resources, or performing operations on a remote system.

