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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Privacy And Security In Online Social Media (course)



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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

Week 2: Assignment 2

The due date for submitting this assignment has passed.

Due on 2023-08-09, 23:59 IST.

As per our records you have not submitted this assignment.

1) What is the primary data format utilized by the Reddit API when returning information? **1 point**

- ☐ JSON
- ☐ XML
- ☐ HTML
- ☐ CSV

No, the answer is incorrect.

Score: 0

Accepted Answers:

JSON

2) JSON stands

1 point

- ☐ JavaScript Object Notation
- ☐ JavaScript Object Network
- ☐ JavaScript Oriented Notation
- ☐ JavaScript Oriented Namespace

No, the answer is incorrect.

collection (unit?
unit=25&lesson
=26)

● Week-2.2 Trust
and Credibility
on OSM (unit?
unit=25&lesson
=27)

● Tutorial 2
Reddit API
(unit?
unit=25&lesson
=28)

○ Quiz: Week 2:
Assignment 2
(assessment?
name=115)

● Week 2
Feedback Form
: Privacy and
Security in
Online Social
Media (unit?
unit=25&lesson
=29)

● Week 2:
Solution (unit?
unit=25&lesson
=122)

**Misinformation and Privacy
()**

**Privacy and
Pictures on
Online Social
Media ()**

**Policing and
Social Media
()**

**E-crime and
social media
()**

Score: 0

Accepted Answers:

JavaScript Object Notation

3) Suppose you want to retrieve the top 5 hottest posts from the subreddit "r/technology" **1 point** using the Reddit API. Which Python library would you most likely use to achieve this?

- ☐ PRAW
☐ Requests
☐ Urllib
☐ JSON

No, the answer is incorrect.

Score: 0

Accepted Answers:

PRAW

4) You want to fetch the details of the 10 hot posts from the subreddit "r/worldnews" using **1 point** the Reddit API in Python. Which is the correct code snippet from below options?

- ☐

```
import praw
reddit = praw.Reddit(client_id='MY_CLIENT_ID',
client_secret='MY_CLIENT_SECRET', user_agent='MY_USER_AGENT')
posts = reddit.subreddit('worldnews').hot(limit=10)
for post in posts:
    print(post.title)
```
- ☐

```
import requests
url = "https://www.reddit.com/r/worldnews/new.json?limit=10"
response = requests.get(url)
data = response.json()
for post in data['data']['children']:
    print(post['data']['title'])
```
- ☐

```
import praw
reddit = praw.Reddit(client_id='MY_CLIENT_ID',
client_secret='MY_CLIENT_SECRET', user_agent='MY_USER_AGENT')
posts = reddit.subreddit('worldnews').new(limit=10)
for post in posts:
    print(post.title)
```
- ☐ None of the above

No, the answer is incorrect.

Social media and crime ()

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 ()

Problem Solving Session - July 2023 ()

Score: 0

Accepted Answers:

```
import praw

reddit = praw.Reddit(client_id='MY_CLIENT_ID',
client_secret='MY_CLIENT_SECRET', user_agent='MY_USER_AGENT')
posts = reddit.subreddit('worldnews').hot(limit=10)
for post in posts:
    print(post.title)
```

5) Which of the following tweet content falls in category of linguistic features?

1 point

- ☐ Number of followers
- ☐ Presence of negative emotion words
- ☐ Presence of smiley
- ☐ Presence of pronouns

No, the answer is incorrect.

Score: 0

Accepted Answers:

Presence of negative emotion words
Presence of pronouns

6) Why do we do network analysis on social media platforms?

1 point

- ☐ To analyze the performance of computer networks and improve data transmission speeds.
- ☐ To understand the social structures and relationships between individuals or entities in a network.
- ☐ To study the behavior of network protocols and optimize their efficiency.
- ☐ To identify and analyze patterns of diseases spreading within a population.

No, the answer is incorrect.

Score: 0

Accepted Answers:

To understand the social structures and relationships between individuals or entities in a network.

7) Which of the following is a recent example of misinformation spread on social media platforms?

1 point

- ☐ Tweet claiming that a particular brand of COVID-19 vaccine causes severe side effects, with no evidence to support the claim.
- ☐ Facebook post sharing information from a well-known health organization about the effectiveness of vaccination.
- ☐ Instagram story containing accurate information about a recent political development with credible sources cited.
- ☐ YouTube video providing a detailed explanation of climate change supported by scientific evidence.

No, the answer is incorrect.

Score: 0

Accepted Answers:

Tweet claiming that a particular brand of COVID-19 vaccine causes severe side effects, with no evidence to support the claim.

8) Given a MongoDB collection named "employees" with the following document structure: **1 point**

```
{
  "_id": ObjectId("615243d88f0ae43f255874c1"),
  "name": "Ram",
  "department": "CSE",
  "age": 35,
  "salary": 50000
}
```

What MongoDB query would you use to retrieve all employees with a salary greater than or equal to 60000?

- ☐ db.employees.find({ "salary": { \$gte: 60000 } })
- ☐ db.employees.find({ "salary": { \$gt: 60000 } })
- ☐ db.employees.find({ "salary": { \$lte: 60000 } })
- ☐ db.employees.find({ "salary": { \$lt: 60000 } })

No, the answer is incorrect.

Score: 0

Accepted Answers:

db.employees.find({ "salary": { \$gte: 60000 } })

9) You are developing a social media platform, and you have a database table, "posts" to store user posts. The "posts" table schema is given below: **1 point**

```
CREATE TABLE posts (
  post_id INT PRIMARY KEY,
  user_id INT,
  post_content TEXT,
  post_date DATETIME
);
```

Now, you want to retrieve the 5 most recent posts made by a specific user with the user ID "12345". Which SQL query would you use?

- ☐ SELECT * FROM posts WHERE user_id = 12345 ORDER BY post_date DESC LIMIT 5;
- ☐ SELECT * FROM posts WHERE user_id = 12345 ORDER BY post_id DESC LIMIT 5;
- ☐ SELECT * FROM posts WHERE user_id = 12345 ORDER BY post_date ASC LIMIT 5;
- ☐ SELECT * FROM posts WHERE user_id = 12345 ORDER BY post_id ASC LIMIT 5;

No, the answer is incorrect.

Score: 0

Accepted Answers:

*SELECT * FROM posts WHERE user_id = 12345 ORDER BY post_date DESC LIMIT 5;*

10) What is the Facebook Graph API as discussed in lecture?

1 point

- ☐ An API that provides access to a user's Facebook friends list.
- ☐ An API that allows developers to create and manage Facebook pages.
- ☐ An API that enables developers to integrate Facebook login into their applications for user authentication.
- ☐ An API that provides access to a wide range of user data, interactions, and connections on Facebook.

No, the answer is incorrect.

Score: 0

Accepted Answers:

An API that provides access to a wide range of user data, interactions, and connections on Facebook.