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)?
 - 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

1 point

Data	API
submissions data	j) Reddit
Other user's comments data	ii) Twitter
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.

Accepted Answers:

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

3) Which of the following statements is/are true? S1: Research on Hurricane Sandy and Boston blasts shows how Twitter users debunk falsehoods during disasters 1 point

- S2: Boston Blasts happened on 15 April 2013.
 - O S1
 - O S2 Both
 - O None

Yes, the answer is correct. Score: 1

Accepted Answers:

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

1 point

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

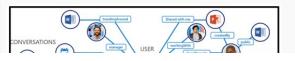
Yes, the answer is correct. Score: 1

Accepted Answers:

CouchDB MongoDB

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

1 point





NOTES FILES MESSAGES NOTES	
○ 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	
9) Which features perform better to distinguish fake and legitimate tugate?	1 point
Which features perform better to distinguish fake and legitimate tweets?	i point
O tweet-based features	
O Meta-data features	
O 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
O Boston's explosion	
Hurricane Sandy	
O Shootouts in the Mexican city	
O None of the above	
Yes, the answer is correct.	
Score: 1	
Accepted Answers: Hurricane Sandy	
Tullionic Salay	
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
\$1: 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	
O Both S1 and S2 are false	
Yes, the answer is correct.	
Score: 0	
Accepted Answers: Both S1 and S2 are true	
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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 open on a remote system.	rations