

Unit 12 - Week 10

Course outline

How does an NPTEL online course work?

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Week 10

Lecture 51 : Text Mining and Sentiment Analytics

Lecture 52 : Text Mining and Sentiment Analytics (Contd.)

Lecture 53 : Text Mining and Sentiment Analytics (Contd.)

Lecture 54 : Text Mining and Sentiment Analytics (Contd.)

Lecture 55 : Text Mining and Sentiment Analytics (Contd.)

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Assignment 10

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

Due on 2020-04-08, 23:59 IST.

1) _____ is the process of deriving high-quality information from text. 1 point

- a. Predictive analytics
- b. Text analytics
- c. Both a and b
- d. None of the above

- a.
 b.
 c.
 d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

b.

2) _____ is not a data mining functionality? 1 point

- a. Clustering and Analysis
- b. Selection and interpretation
- c. Classification and regression
- d. Characterization and Discrimination

- a.
 b.
 c.
 d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

b.

3) _____ is a subfield of linguistics, computer science, information engineering, and artificial intelligence concerned with the interactions between computers and human (natural) languages, in particular how to program computers to process and analyze large amounts of natural language data. 1 point

- a. Natural language processing
- b. Data analytics
- c. Sentiment analysis
- d. None of the above

- a.
 b.
 c.
 d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

a.

4) VectorSource() takes a grouping of texts and makes each element of the resulting vector a document within your R Workspace. 1 point

- a. True
- b. False

- a.
 b.

No, the answer is incorrect.

Score: 0

Accepted Answers:

a.

5) _____ is a collection of text document over which we would apply text mining or natural language processing routines to derive inferences. 1 point

- a. Corpus
- b. Vector
- c. Data.frame
- d. None of the above

- a.
 b.
 c.
 d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

a.

6) _____ is important technique for pre-processing data which is used to identify the root word for actual words and reduce the size of the text data 1 point

- a. Stemming
- b. Word deletion
- c. Both a and b
- d. None of the above

- a.
 b.
 c.
 d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

a.

7) Naive Bayes classifiers are a collection of classification algorithms based on Bayes' Theorem. 1 point

- a. True
- b. False

- a.
 b.

No, the answer is incorrect.

Score: 0

Accepted Answers:

a.

8) Data mining is _____ 1 point

- a. time variant non-volatile collection of data
- b. The actual discovery phase of a knowledge
- c. The stage of selecting the right data
- d. None of these

- a.
 b.
 c.
 d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

b.

9) Naive Bayes classifier assume that the effect of the value of a predictor (x) on a given class (c) is dependent on the values of other predictors. 1 point

- a. True
- b. False

- a.
 b.

No, the answer is incorrect.

Score: 0

Accepted Answers:

b.

10) We use natural language processing, text analysis, computational linguistics, and biometrics to systematically identify, extract, quantify, and study affective states and subjective information in the following process: 1 point

- a. Sentiment analysis
- b. Opinion mining
- c. Emotion AI
- d. All of the above

- a.
 b.
 c.
 d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

d.