

Unit 13 - Week 11

Course outline

How does an NPTEL online course work?

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Week 11

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Lecture 57 : Text Mining and Sentiment Analytics (Contd.)

Lecture 58 : Text Mining and Sentiment Analytics (Contd.)

Lecture 59 : Text Mining and Sentiment Analytics (Contd.)

Lecture 60 : Text Mining and Sentiment Analytics (Contd.)

Lecture Material

Week 11 Feedback Form

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Assignment 11

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

Due on 2020-04-15, 23:59 IST.

1) The main structure for managing documents in `tm` is called as a Corpus, representing a collection of text documents. 2 points

- a. True
b. False

- a.
 b.

No, the answer is incorrect.
Score: 0

Accepted Answers:
a.

2) Bayes classifiers use training data to calculate an observed probability of each class based on all the features. 2 points

- a. True
b. False

- a.
 b.

No, the answer is incorrect.
Score: 0

Accepted Answers:
a.

3) Function _____ is used for randomly choose some numbers from a set of numbers. 2 points

- a. `sample()`
b. `train.data()`
c. `test.data()`
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. 2 points

- a. True
b. False

- a.
 b.

No, the answer is incorrect.
Score: 0

Accepted Answers:
a.

5) Which of the following techniques can be used for the purpose of keyword normalization, the process of converting a keyword into its base form? 2 points

- a. Levenshtein
b. Stemming
c. Soundex
d. None of the above

- a.
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
b.

6) The _____ lexicon categorizes words in a binary fashion into positive and negative categories. 2 points

- a. `bing`
b. `AFINN`
c. `Stemming`
d. None of the above

- a.
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
a.

7) _____ lexicon assigns words with a score that runs between -5 and 5, with negative scores indicating negative sentiment and positive scores indicating positive sentiment. 2 points

- a. `bing`
b. `afinn`
c. `Stemming`
d. None of the above

- a.
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
b.

8) The `bing` lexicon categorizes words in a binary fashion (“yes”/“no”) into categories of positive, negative, anger, anticipation, disgust, fear, joy, sadness, surprise, and trust. 2 points

- a. True
b. False

- a.
 b.

No, the answer is incorrect.
Score: 0

Accepted Answers:
b.

9) Order of text mining process will be _____ 2 points

1. Text analysis and preprocessing
2. Data mining
3. Feature selection
4. Feature generation

Options:

- a. 1,3,2,4
b. 1,4,3,2
c. 4,3,2,1
d. 3,4,2,1

- a.
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
b.

10) In statistics, the p-value is the probability of obtaining results as extreme as the observed results of a statistical hypothesis test, assuming that the null hypothesis is correct. 2 points

- a. True
b. False

- a.
 b.

No, the answer is incorrect.
Score: 0

Accepted Answers:
a.