Assignment 10

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

1) Which of the following processes can be used for the purpose of converting a keyword into its base form? 1 point
   - Lemmatization
   - Lexicon
   - Stemming
   - Bag of words
   No. the answer is incorrect
   Score: 0
   Accepted Answers:
   - Lemmatization
   - Stemming

2) N-grams are defined as the combination of n-keywords together. How many bigrams can be generated from a given sentence? 1 point
   "Learners' engagement in class and their interaction with peers impact their performance in the assessments."
   - 10
   - 11
   - 13
   - 15
   No. the answer is incorrect
   Score: 0
   Accepted Answers: 14

3) If a researcher is developing a classifier to group documents based on words in it, which of the following features can be used for improving accuracy of a classification model? 1 point
   - Frequency count of each term
   - Part of Speech Tags
   - ROC value
   No. the answer is incorrect
   Score: 0
   Accepted Answers:
   - Frequency count of each term
   - Part of Speech Tags

4) Word2vec model is a machine learning model used to create vector notations of text objects. (Hint: Enter your answer as 1 or 2)
   1. True
   2. False
   No. the answer is incorrect
   Score: 0
   Accepted Answers:
   - True
   - False

5) You are given a corpus of complete social media data of Instagram. Which of the following techniques can be used to create a model that would suggest the hashtag? 1 point
   - Minimum edit distance
   - Bag of n-grams to capture top hashtags
   - word2vec model to learn repeating contexts in the sentences
   No. the answer is incorrect
   Score: 0
   Accepted Answers:
   - Bag of n-grams to capture top hashtags
   - word2vec model to learn repeating contexts in the sentences

6) Which of the following is the Markov assumption? 1 point
   - Occurrence of current word X depends on the previous word Y.
   - Occurrence of current word X depends on the future word Y.
   - Anything that we go-gamming, will go wrong.
   No. the answer is incorrect
   Score: 0
   Accepted Answers:
   - Occurrence of current word X depends on the previous word Y.

7) In the following sentences, "Ram went to buy groceries in the supermarket of the mall, while his younger brother went to play games in the gaming sections of the mall. What is the probability of P(Θ ≤ 0.5)?" 1 point
   (Hint: Calculate the answer up to two decimal places.)
   No. the answer is incorrect
   Score: 0
   Accepted Answers:
   - 0.50

8) What is the minimum edit distance between INTENTION and EXECUTION? (If each operation has cost 1) 0 points
   - 5
   - 4
   - 7
   No. the answer is incorrect
   Score: 0
   Accepted Answers:
   - 5

9) Statement 1: ram loves to watch movies, 1 point
   Statement 2: dev loves to watch cricket matches
   What will be the length of the document vector?
   - 10
   - 2
   - 0
   - 9
   No. the answer is incorrect
   Score: 0
   Accepted Answers:
   - 2

10) Which of the following can be used to compute the distance between two word vectors in NLP? 1 point
   - Lemmatization
   - Euclidean distance
   - Stemming
   - N-grams
   No. the answer is incorrect
   Score: 0
   Accepted Answers:
   - Euclidean distance