Unit 14 - Week 12

Assignment 12

This assignment assesses your understanding of the information presented in the week's lecture.

1. Which of the following Effective States does Sentiment Analysis rely on?

   a. Mood
   b. Personality Traits
   c. Affiliation
   d. Emotion

2. Using Sentiment Analysis, find out the number of sentences in which the word "unhappy" belongs to the topic. Are the positivity and negativity scores equal for the set of sentences? (This is the true/false question for the week.)

   a. No, of the 3 sentences, two have a positive sentiment and one has a negative sentiment.
   b. Yes, the positivity and negativity scores are equal for the set of sentences.
   c. No, the positivity and negativity scores are not equal for the set of sentences.
   d. None of the above

3. Which of the following is an indication of a more positive score?

   a. Positive
   b. Conditional mark such as 'if'
   c. Negative
   d. All of the above

4. Sentiment lexicon can be learned using unlabelled text as:

   a. Naive Bayes (NB) algorithm
   b. Opposite-words vectors are connected by 'if'
   c. Markov Chain (MCMC)
   d. None of the above

5. Which metric was employed by Turing's Algorithm to measure co-presence?

   a. Probability of a sentence
   b. Association Coefficient
   c. Association Dimension
   d. Co-sentiment

6. Let P(y) represent the probability of a word given its rating. Further, P(y) represents the probability of the word in the overall corpus. While varying the number of a word in a given corpus, what is the variation before checking Turing's Algorithm?

   a. Turing's Algorithm
   b. Markov Chain Co-occurrence
   c. None of the above
   d. All of the above

7. Polarity with techniques is performed to handle:

   a. False classifications
   b. Normalization problems
   c. Negations
   d. None of the above

8. What is the category of the sentence “happy”?

   a. Objective
   b. Subjective
   c. Unrelated
   d. Neutral

9. Some of the problems associated with Aspect-Based Sentiment Analysis are:

   a. Assignment of corresponding sentiment to phrases in a multi-aspect review.
   b. Identification of opinion-bearing phrases.
   c. Value opinion phrases having different sentiments for different aspects.
   d. All of the above

10. Consider the sentence: “The audio sound was even worse; however, the voice quality and delivery were very good.” Which of the following is true?

    a. Aspect 'audio': Negative, Opinion 'much worse'
    b. Aspect 'voice': Positive, Opinion 'very good'
    c. Aspect 'audio': Positive, Opinion 'much better'
    d. None of the above