AI Course

Chapter 7. Quiz

For instructors (with answers)

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1. Which of the following statements about text mining is incorrect?
2. You can know the reaction to a specific group.
3. Information on sales lead can be obtained.
4. Competitive strategies can be established by monitoring other brands.
5. The same method can be applied to various languages.

Answer. 4

1. Which of the following is not true about the use of social networks?
2. It is possible to know how many groups the network is composed of.
3. It is possible to know influential customers.
4. It is possible to know see the change over time.
5. It is possible to know if customers will leave next time.

Answer. 4

1. What does the term means separating a stem from a word whose form has been modified to extract the word that is the subject of morpheme analysis?

Answer. stemming

1. What does the term mean a set of materials that can show the essential aspects of language as a research material required in each field of language research?

Answer. Corpus

1. Explain about TF (Term Frequency), and write how to calculate TF (formula).

Answer.

**TF (Term Frequency** is to measures how frequently a word (term) occurs in a document. Since every document is different in length, it is possible that a term would appear much more times in long documents than shorter ones.

Thus, the term frequency is often divided by the document length (the total number of terms in the document) as a way of normalization:

TF(t) = (Number of times term t appears in a document) / (Total number of terms in the document).

