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Summarizer

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Generated Questions

1. What is the purpose of text normalization?

A. To reduce the effectiveness of NLP models

B. To increase the number of input variables for NLP models

C. To reduce the dimensionality of the input for NLP models

D. To introduce more variations in the words used in the raw text
2. Which of the following is a component of text normalization?

A. Punctuation addition

B. Contractions reduction

C. Tokenization expansion

D. Stemming removal
3. What is the advantage of reducing the vocabulary size in NLP?

A. To make the language more difficult to understand

B. To make it easier to identify word variations

C. To minimize the number of features for NLP models

D. To increase the dimensionality of input for NLP models
4. What is the difference between stemming and lemmatization?

A. Stemming reduces words to their root form, while lemmatization reduces words to base words

B. Stemming and lemmatization are the same thing

C. Stemming reduces words to base words, while lemmatization reduces words to their root form

D. Stemming and lemmatization reduce words to synonyms
5. Which of the following is an example of a hypernymy relation?

A. Car is a kind of vehicle

B. An air bag is part of a car

C. A tomato is a type of vegetable

D. A book is related to an author
6. What is entropy in intrinsic evaluation measures of language models?

A. A measure of uncertainty

B. A measure of similarity

C. A measure of frequency

D. A measure of perplexity
7. Which of the following is a way to measure the performance of n-gram language models in predicting the probabilities of sentences?

A. Intrinsic evaluation measures

B. Extrinsic evaluation measures

C. Stemming-based evaluation measures

D. Tokenization-based evaluation measures
8. What is the purpose of WordNet in lexical semantics?

A. To solve word sense ambiguity

B. To remove offensive words

C. To provide a list of synonyms for each word

D. To classify relationships between words
9. What is the main advantage of dense word embeddings?

A. They have fewer parameters

B. They are better at capturing synonymy

C. They are easier to include as features in machine learning systems

D. All of the above
10. What is the objective function in Word2Vec?

A. To maximize the likelihood of the center word given the context words

B. To maximize the entropy of the center word

C. To minimize the sum of squared errors

D. To minimize the log likelihood of the context words given the center word

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