

Natural Language Processing Practice Test Questions and Answers

1. What is the primary purpose of tokenization in natural language processing?

- A) To convert text to numerical vectors
- B) To break down text into individual words or tokens
- C) To remove stop words from text
- D) To translate text between languages

2. Which technique is commonly used to handle out-of-vocabulary words in NLP models?

- A) Stemming
- B) Lemmatization
- C) Subword tokenization (BPE)
- D) Stop word removal

3. What does the term "attention mechanism" refer to in transformer models?

- A) A method to focus on relevant parts of input sequences
- B) A technique for reducing model size
- C) A way to speed up training
- D) A method for data preprocessing

4. Which evaluation metric is most appropriate for measuring the performance of a named entity recognition (NER) system?

- A) BLEU score
- B) Perplexity
- C) F1 score
- D) ROUGE score

Answers: 1-B 2-C 3-A 4-C

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