Graded Quiz: Test your Project Understanding

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Quiz • 10 min

Total points 4

Review Learning Objectives

1. Which deep learning architecture is BERT based on?   **1 point**

○ Recurrent Neural Networks (RNN)

○ Long short-term memory (LSTM)

◉ Transformers

○ Convolutional Neural Networks (CNN)

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2. The paradigm of unsupervised (or semi-supervised) pre-training followed by supervised fine-tuning has revolutionized NLP. Which of the following tasks was BERT pre-trained on?   **1 point**

☑ Masked language modeling

☐ Sentiment analysis

☐ Named entity recognition

☑ Next sentence prediction

3. For the BERT uncased model used in the project, what is the maximum supported input size (per sequence)?   **1 point**

○ 768

◉ 512

○ 128

4. Inputs to BERT have to be tokenized before inference. In what order are the following steps supposed to be performed?   **1 point**

○ 1. Substitute tokens with their ids
   2. Prepend [CLS] and append [SEP] tokens
   3. Split input string into tokens

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