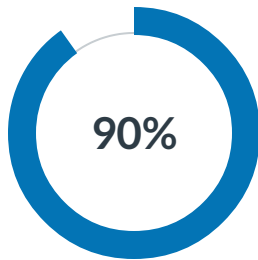# Results

Suvo Ganguli

90%

18
Out of 20 points

06:42
Time for this attempt

Your Answers:

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1   2 / 2 points

True or False: Named Entity Recognition aims to extract entities in a piece of text into predefined categories, like organizations, locations, or names.

✓	◉ True

○ False

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2   2 / 2 points

True or False: BERT and the GPT series are examples of models that leverage NLP.

✓	◉ True

○ False

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3   0 / 2 points

True or False: The values that are returned based on the relationship between a query and key in the attention mechanism are always positive and always sum to 1.

○ True

Correct Answer: **True**

4   2 / 2 points

True or False: Bag of Words counts the number of times each word or n-gram appears in a document.

✓ ○ True

○ False

5   2 / 2 points

Which of the following models uses the transformer concept?

○ BERT

○ GPT 2/3/4

○ DALL-E

✓ ○ All of the above

6   2 / 2 points

Latent Dirichlet Allocation (LDA) is primarily used for

○ Sentiment Analysis

✓ ○ Topic Modeling

○ Machine Translation

○ None of the above

7   2 / 2 points

True or False: Transformers are only used for NLP use cases.

○ True

✓ ○ False

8   2 / 2 points

True or False: Term Frequency-Inverse Document Frequency (TF-IDF) aims to capture the importance of each word by looking at how frequently a word appears in a document relative to the total text corpus.

✓ ● True

○ False

9   2 / 2 points

True or False: Gated Recurrent Unit (GRU) and Long Short-Term Memory (LSTM) are examples of convolutional neural networks designed to remember information for an extended period.

○ True

✓ ● False

10   2 / 2 points

The Attention Mechanism:

✓ ● Maps a query and set of key-value pairs to an output, where the query, keys, values, and output are all vectors.

○ Maps a key and a set of query-value pairs to an output, where just the query and keys are vectors, and the output is a scalar.

○ Maps a key and a query-output pair where the key is a scalar and the query and output are vectors.

○ None of the above.