축하합니다! 통과하셨습니다!

받은 학점 100% 최신 제출물 학점 100% 통과 점수: 80% 이상

7 시간 59 분 후에 과제를 다시 풀어보세요.

다음 항목으로 이동

1. What is the name of the TensorFlow library containing common data that you can use to train and test neural networks? 1 / 1점

- (●) TensorFlow Datasets
- ( ) There is no library of common data sets, you have to use your own
- ( ) TensorFlow Data
- ( ) TensorFlow Data Libraries

맞습니다
Correct!

2. How many reviews are there in the IMDB dataset and how are they split? 1 / 1점

- (●) 50,000 records, 50/50 train/test split
- ( ) 50,000 records, 80/20 train/test split
- ( ) 60,000 records, 80/20 train/test split
- ( ) 60,000 records, 50/50 train/test split

맞습니다
That's right!

3. How are the labels for the IMDB dataset encoded? 1 / 1점

- (●) Reviews encoded as a number 0-1
- ( ) Reviews encoded as a number 1-10
- ( ) Reviews encoded as a boolean true/false
- ( ) Reviews encoded as a number 1-5

맞습니다
Correct!

4. What is the purpose of the embedding dimension? 1 / 1점

- ( ) It is the number of dimensions required to encode every word in the corpus
- ( ) It is the number of letters in the word, denoting the size of the encoding
- ( ) It is the number of words to encode in the embedding
- (●) It is the number of dimensions for the vector representing the word encoding

맞습니다
That's right!

5. When tokenizing a corpus, what does the num_words=n parameter do? 1 / 1점

- ( ) It errors out if there are more than n distinct words in the corpus
- ( ) It specifies the maximum number of words to be tokenized, and picks the first 'n' words that were tokenized
- (●) It specifies the maximum number of words to be tokenized, and picks the most common 'n-1' words
- ( ) It specifies the maximum number of words to be tokenized, and stops tokenizing when it reaches n

맞습니다
Correct!

6. To use word embeddings in TensorFlow, in a sequential layer, what is the name of the class? **1 / 1점**

- ○ tf.keras.layers.WordEmbedding
- ○ tf.keras.layers.Word2Vector
- ◉ tf.keras.layers.Embedding
- ○ tf.keras.layers.Embed

맞습니다
That's right!

7. IMDB Reviews are either positive or negative. What type of loss function should be used in this scenario? **1 / 1점**

- ○ Binary Gradient descent
- ◉ Binary crossentropy
- ○ Categorical crossentropy
- ○ Adam

맞습니다
Correct!

8. When using IMDB Sub Words dataset, our results in classification were poor. Why? **1 / 1점**

- ○ The sub words make no sense, so can't be classified
- ○ We didn't train long enough
- ○ Our neural network didn't have enough layers
- ◉ Sequence becomes much more important when dealing with subwords, but we're ignoring word positions

맞습니다
That's right!