Congratulations! You passed!
TO PASS 80% or higher

Keep Learning

GRADE
100%

Week 2 Quiz

LATEST SUBMISSION GRADE
100%

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

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

Correct

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

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

Correct

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

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

Correct

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

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

Correct

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

- (●) It specifies the maximum number of words to be tokenized, and picks the most common 'n' words

- 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 stops tokenizing when it reaches n

✓ Correct

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

- (•) tf.keras.layers.Embedding
- ( ) tf.keras.layers.WordEmbedding
- ( ) tf.keras.layers.Word2Vector
- ( ) tf.keras.layers.Embed

✓ Correct

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

- (•) Binary crossentropy
- ( ) Adam
- ( ) Categorical crossentropy
- ( ) Binary Gradient descent

✓ Correct

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

- ( ) 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
- ( ) The sub words make no sense, so can't be classified

✓ Correct