

1. To use word embeddings in TensorFlow, in a Sequential model, what is the name of the layer?

1 / 1 point

- ☐ tf.keras.layers.Embed
- ☒ tf.keras.layers.Embedding
- ☐ tf.keras.layers.WordEmbedding
- ☐ tf.keras.layers.Word2Vector

✔ Correct
That's right!

2. Using the default settings, what does the 'max_tokens' parameter do when initializing the TextVectorization layer?

1 / 1 point

- ☐ It errors out if there are more than max_tokens distinct words in the corpus
- ☐ It specifies the maximum size of the vocabulary, and picks the most common 'max_tokens - 1' words
- ☐ It specifies the maximum size of the vocabulary, and picks the most common 'max_tokens' words
- ☒ It specifies the maximum size of the vocabulary, and picks the most common 'max_tokens - 2' words

✔ Correct
That's right! This includes the 0 index for padding and 1 for out-of-vocabulary words.

3. 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 Datasets
- ☐ There is no library of common data sets, you have to use your own
- ☐ TensorFlow Data
- ☐ TensorFlow Data Libraries

✔ Correct
Correct!

4. What is the purpose of the embedding dimension?

1 / 1 point

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

✔ Correct
That's right!

5. IMDB Reviews are either positive or negative. What type of loss function should be used in this scenario?

1 / 1 point

- ☐ Categorical crossentropy
- ☐ Adam
- ☐ Binary Gradient descent
- ☒ Binary crossentropy

✔ Correct
Correct!

6. How are the labels for the IMDB dataset encoded?

1 / 1 point

- ☒ Reviews encoded as a number 0-1
- ☐ Reviews encoded as a number 1-5
- ☐ Reviews encoded as a boolean true/false
- ☐ Reviews encoded as a number 1-10

✔ Correct
Correct!

7. 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, 80/20 train/test split
- ☐ 60,000 records, 80/20 train/test split
- ☒ 50,000 records, 50/50 train/test split

✔ Correct
That's right!