Week 1 Quiz

LATEST SUBMISSION GRADE

100%

---

1. What is the name of the object used to tokenize sentences? **1 / 1 point**

- WordTokenizer
- CharacterTokenizer
- TextTokenizer
- Tokenizer

✓ **Correct**

2. What is the name of the method used to tokenize a list of sentences? 1 / 1 point

- tokenize_on_text(sentences)
- fit_on_texts(sentences)
- tokenize(sentences)
- fit_to_text(sentences)

✓ **Correct**

3. **Once you have the corpus tokenized, what's the method used to encode a list of sentences to use those tokens?**

1 / 1 point

- (●) texts_to_sequences(sentences)
- ( ) texts_to_tokens(sentences)
- ( ) text_to_sequences(sentences)
- ( ) text_to_tokens(sentences)

✓ **Correct**

4. When initializing the tokenizer, how to you specify a token to use for unknown words? 1 / 1 point

- unknown_token=<Token>
- oov_token=<Token>
- out_of_vocab=<Token>
- unknown_word=<Token>

✓ **Correct**

5. **If you don't use a token for out of vocabulary words, what happens at encoding?** 1 / 1 point

- (●) The word isn't encoded, and is skipped in the sequence
- ( ) The word isn't encoded, and is replaced by a zero in the sequence
- ( ) The word isn't encoded, and the sequencing ends
- ( ) The word is replaced by the most common token

✓ **Correct**

6. **If you have a number of sequences of different lengths, how do you ensure that they are understood when fed into a neural network?** 1 / 1 point

- Process them on the input layer of the Neural Netword using the pad_sequences property
- Specify the input layer of the Neural Network to expect different sizes with dynamic_length
- Make sure that they are all the same length using the pad_sequences method of the tokenizer
- (selected) Use the pad_sequences object from the tensorflow.keras.preprocessing.sequence namespace

✓ **Correct**

7. **If you have a number of sequences of different length, and call pad_sequences on them, what's the default result?** 1 / 1 point

- ○ Nothing, they'll remain unchanged
- ◉ They'll get padded to the length of the longest sequence by adding zeros to the beginning of shorter ones
- ○ They'll get padded to the length of the longest sequence by adding zeros to the end of shorter ones
- ○ They'll get cropped to the length of the shortest sequence

✓ **Correct**

8. **When padding sequences, if you want the padding to be at the end of the sequence, how do you do it?** 1 / 1 point

- Call the padding method of the pad_sequences object, passing it 'post'
- Call the padding method of the pad_sequences object, passing it 'after'
- Pass padding='post' to pad_sequences when initializing it
- Pass padding='after' to pad_sequences when initializing it

✓ **Correct**