

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

- ☒ Tokenizer
- ☐ CharacterTokenizer
- ☐ WordTokenizer
- ☐ TextTokenizer

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

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

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

- ☐ texts_to_tokens(sentences)
- ☒ texts_to_sequences(sentences)
- ☐ text_to_tokens(sentences)
- ☐ text_to_sequences(sentences)

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

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

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

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

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?

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

7. If you have a number of sequences of different length, and call `pad_sequences` on them, what's the default result?
- ☐ They'll get cropped to the length of the shortest sequence
 - ☐ They'll get padded to the length of the longest sequence by adding zeros to the end of shorter ones
 - ☐ 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
8. When padding sequences, if you want the padding to be at the end of the sequence, how do you do it?
- ☐ 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