

✓

Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE

100%

Week 1 Quiz

LATEST SUBMISSION GRADE

100%

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

1 / 1 point

- ☐

WordTokenizer
- ☐

TextTokenizer
- ☒

Tokenizer
- ☐

CharacterTokenizer

✓

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)
- ☐

fit_to_text(sentences)
- ☐

tokenize(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

- ☐

text_to_tokens(sentences)
- ☐

text_to_sequences(sentences)
- ☐

texts_to_tokens(sentences)
- ☒

texts_to_sequences(sentences)

✓

Correct

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

1 / 1 point

- ☒

oov_token=<Token>
- ☐

unknown_token=<Token>
- ☐

unknown_word=<Token>
- ☐

out_of_vocab=<Token>

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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 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 the sequencing ends

✓

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

- ☐

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
- ☒

Use the pad_sequences object from the tensorflow.keras.preprocessing.sequence namespace
- ☐

Process them on the input layer of the Neural Network using the pad_sequences property

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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

- ☐

They'll get padded to the length of the longest sequence by adding zeros to the end of shorter ones
- ☒

They'll get padded to the length of the longest sequence by adding zeros to the beginning of shorter ones
- ☐

Nothing, they'll remain unchanged
- ☐

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

- ☒

Pass padding='post' to pad_sequences when initializing it
- ☐

Call the padding method of the pad_sequences object, passing it 'after'
- ☐

Call the padding method of the pad_sequences object, passing it 'post'
- ☐

Pass padding='after' to pad_sequences when initializing it

✓

Correct