

Introduction

✓

**Video:** Introduction, A conversation with Andrew Ng  
1 min

Sentiment in text

✓

**Video:** Introduction  
1 min

✓

**Video:** Word based encodings  
2 min

✓

**Video:** Using APIs  
2 min

✓

**Reading:** Check out the code!  
10 min

✓

**Video:** Notebook for lesson 1  
2 min

✓

**Video:** Text to sequence  
3 min

✓

**Video:** Looking more at the Tokenizer  
1 min

✓

**Video:** Padding  
2 min

✓

**Reading:** Check out the code!  
10 min

✓

**Video:** Notebook for lesson 2  
4 min

✓

**Video:** Sarcasm, really?  
2 min

✓

**Video:** Working with the Tokenizer  
1 min

✓

**Reading:** News headlines dataset for sarcasm detection  
10 min

✓

**Reading:** Check out the code!  
10 min

✓

**Video:** Notebook for lesson 3  
3 min

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**Quiz:** Week 1 Quiz  
8 questions

▶

**Video:** Week 1 Wrap up  
21 sec

Weekly Exercise- Explore the BBC News Archive

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**Congratulations!**  
You just completed the most difficult assignment in the course! You should feel proud of all of your hard work and success.

Keep learning

✓

**Congratulations! You passed!**  
TO PASS 80% or higher

Keep Learning

GRADE

100%

Week 1 Quiz

Week 1 Quiz

LATEST SUBMISSION GRADE

100%

✓

**Submit your assignment**

Try again

DUE DATE

Oct 5, 12:29 PM IST

ATTEMPTS

3 every 8 hours

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

1 / 1 point

TextTokenizer

✓

**Receive grade**

CharacterTokenizer

TO PASS 80% or higher

Tokenizer

WordTokenizer

✓

**Correct**

tokenize\_on\_text(sentences)

fit\_on\_texts(sentences)

fit\_to\_text(sentences)

tokenize(sentences)

✓

**Correct**

text\_to\_sequences(sentences)

texts\_to\_tokens(sentences)

texts\_to\_sequences(sentences)

text\_to\_tokens(sentences)

✓

**Correct**

out\_of\_vocab=<Token>

unknown\_word=<Token>

oov\_token=<Token>

unknown\_token=<Token>

✓

**Correct**

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 the sequencing ends

The word isn't encoded, and is replaced by a zero in the sequence

✓

**Correct**

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

✓

**Correct**