

Module 2: Basic Natural Language Processing

✓

Video: Basic Natural Language Processing

3 min

✓

Notebook: Module 2 (Python 3)

1h

✓

Video: Basic NLP tasks with NLTK

16 min

✓

Video: Advanced NLP tasks with NLTK

16 min

✓

Practice Quiz: Practice Quiz

2 questions

✓

Discussion Prompt: Finding your own prepositional phrase attachment

5 min

✓

Quiz: Module 2 Quiz

5 questions

Assignment 2

QUIZ • 10 MIN

Module 2 Quiz

Review Key Concepts

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TO PASS 80% or higher

Grade

80%

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Module 2 Quiz

TOTAL POINTS 5

1. The function to use to make a string variable, string1, uppercase is:

1 point

- ☐ string1.toupper()
- ☐ string.toupper(string1)
- ☒ string1.upper()
- ☐ string.upper(string1)

2. A string variable, string2, has some lagging whitespace characters. You would remove these using:

1 point

- ☐ string2.lstrip()
- ☐ string2.lstrip(" ")
- ☒ string2.rstrip()
- ☐ string2.rstrip(" ")

3. What does NLTK's function word_tokenize() do?

1 point

- ☒ It splits a sentence into words.
- ☐ It splits a word into characters.
- ☐ It retains valid words and tokens in a sentence and removes invalid words.
- ☐ It finds valid word forms for tokens in a sentence (i.e. maps all words to closest valid words).

4. What is a sentence parser typically used for?

1 point

- ☐ It is used to parse sentences to check if they are utf8 compliant.
- ☒ It is used to parse sentences to derive their most likely syntax tree structures.
- ☐ It is used to parse sentences to assign parts of speech tags to all tokens.
- ☐ It is used to check if sentences can be parsed into meaningful tokens.

5. If you want to map all derivationally related words to their root verb using NLTK, you will use:

1 point

- ☒ Lemmatizer
- ☐ Porter Stemmer
- ☐ Splitter
- ☐ Word sense disambiguator

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