

START OF QUIZ
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Question 1

Topic: Lecture 8

Source: Lecture 8

Imagine that you're working with a linguist who is not very good with technology. They store all of their data in .docx files, scattered across their desktop. What arguments would you make for them to convert to .tsv or .json, and how would you alleviate their worries that they wouldn't be able to access or modify their information (no, you can't teach them Python)? (2)

Question 2

Topic: Lecture 7

Source: Lecture 7

Do you think it would be easy or hard to build a training set for a sentence segmenter? Explain. Do you think it would be easier or harder to build a training set for a word tokenizer? What kind of assumptions would you be making about the difficulty of the task? You don't need to worry about the ML tool used - this is about building the training set. (2)

Question 3

Topic: Lecture 6

Source: Lecture 6

Beautiful Soup parses the children of a tag as a list, why do you think they didn't use a set, instead, given the faster access times? Give 2 reasons, and briefly explain. (1)

Question 4

Topic: Lecture 8

Source: Lecture 8

What are 2 benefits of .py files over .ipynb files, and 2 benefits of .ipynb files over .py files? (1)

Question 5

Topic: Lecture 6

Source: Lecture 6

In class, we mentioned a few different file types that are actually XML (such as .html, .doc, and .ipynb). Do you think that you could represent a Python library as an XML document? If so, what kind of tags might you need to cover some of the syntactic rules of Python? If not, why not? (2)

Question 6

Topic: Lecture 7

Source: Lecture 7

Why is part of speech relevant when lemmatizing? Do you think it would be just as important in stemming? (1)

Question 7

Topic: Lecture 5

Source: Lecture 5

Write a short function that uses regexes to identify which case (title, camel, or sentence case) a sentence occurs in. (1)

Question 8

Topic: Lecture 5

Source: Lecture 5

What is the purpose of escaping? (1)

Question 9

Topic: Long

Source: Long

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END OF QUIZ