Cameron Reading

Data 119 Python 1

4/15/2019

Homework Week 10 – Pig Latin Maker!

Core Challenge: Take a text and turn it into pig latin, in this case we are going to take in a text file and converts the entire text to piglatin and writes it to an output file.

First we must be able to take in the text from the file and make sure it has text within it. Get one long string

Functions/Constants

List of vowels to check the beginning character of each word, for certain scenario

A function that loads a text file and returns a list of individual lines as strings.

While list still has line from the text in it

A function that would take in an individual line from the text and piglatin it.

Will contain multiple functions to do multiple actions on said line

First a function that will take the line and split the line into a list of individual words

Function that will return word piglatin-fied

Check

Will check and preserve punctuation of the word

Will check capitalized word, and preserve it for later

If word is two short (2 chars or less) just add ‘ay’ to end

Else If first char is vowel, append ay to the end of it

Else if second char is not a vowel, move both first chars to the back and add ‘ay’ it as well

Else just move the first char to the end and then add ‘ay’ to the end.

And retuned new word!

Add all new words to the new line

And then add new line back to the whole new spring

And then output the newly made string!