

L4 PROBLEM 5 (5/5 points)

The file [L4P5.zip](#) contains words.txt, a list of words, and histogramfun.py, a template for a histogram function. In this problem, you will be writing code to plot a histogram of the proportion of vowels in each word of a given wordList. Vowels are 'A', 'E', 'I', 'O', 'U'.

Make sure to put a title and appropriate labels on the plot.

When you have produced a plot, answer the following question, to check your solution and your understanding of it.

Using the code you wrote to investigate, do more words in the word list have a vowel proportion greater than or less than 0.5?

- ☐ More words have a vowel proportion greater than 0.5
- ☒ More words have a vowel proportion less than 0.5 ✓

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