

## Wheel of Fortune Analysis

Each line of the `phrases.txt` file contains a phrase that could be used in a game of Wheel of Fortune. Starting from the provided `wof_analysis.py` template, write a program that counts the number of times each letter is used in the file. Then use `matplotlib` to plot a bar chart of the letter usage frequency (the number of times each letter is used divided by the total number of letters).

A sample of the resulting bar chart is shown below. Your chart should exactly match the sample, including the x-axis tick labels, axis labels, and title. Submit your completed program, `wof_analysis.py`, along with a PDF of the resulting figure named `wof_analysis.pdf`.

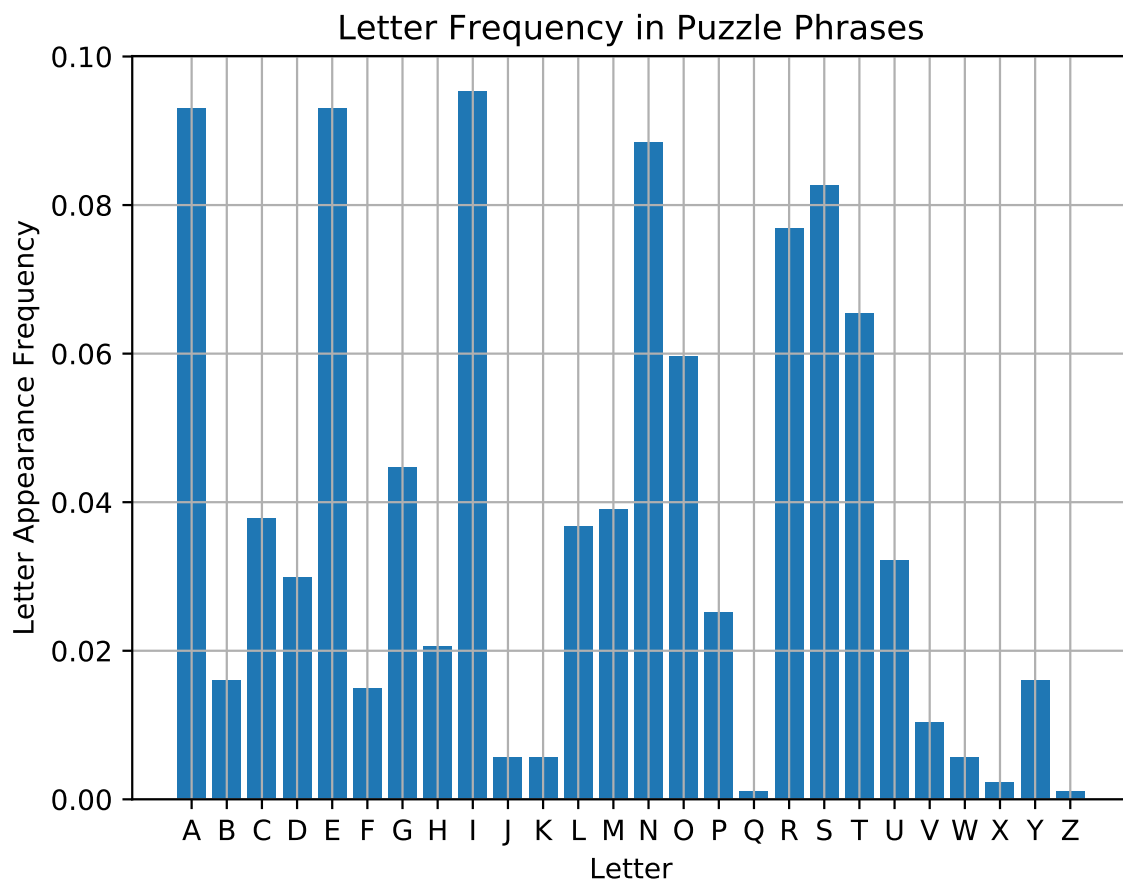


Figure 1: Sample letter frequency chart for Exercise 50.