Homework 4, Due February 5

CAPP 30255 Advanced Machine Learning for Public Policy
University of Chicago

1. (100 points) Build a Hidden Markov Model Part of Speech tagger. Use Laplace's Law for smoothing. You may use a brute force algorithm for finding the most likely POS sequence, i.e., you may test all possible sequences of length equal to the given sentence. The attached file `hmm-helper.ipynb` has code which will be used for testing your implementation.