

To run and produce the output shown, follow the below steps:

1. I have used only two dependencies i.e. pandas and json. You need to have both the dependencies installed.
2. You just need to run the .ipynb notebook in order to generate the output files i.e. vocab.txt, hmm.json, greedy.out and viterbi.out
3. I have just encoded the unknown words as <unk> and if it is not present, then I am using laplace smoothing for them.