## Natural Language Processing Assignment 4 Hidden Markov Model

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## **Hidden Markov Model**

- transition\_file has transition probabilities
- emisson\_file has emission probabilities
- vocab\_file has training vocabulary
- tag\_file has tags and their counts
- test.txt contains the testing sample
- result is stored in result.txt file
- Unknown words
   Laplace smoothing
- Smoothing for bigram transition probabilities