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# Part of Speech Tagging

REVIEW

CODE REVIEW

HISTORY

## Meets Specifications

Great work on the project. Everything working and the code looks great.

## Project completed!

### General Requirements



- Includes `HMM_Tagger.ipynb` displaying output for all executed cells
- Includes `HMM_Tagger.html`, which is an HTML copy of the notebook showing the output from executing all cells



Submitted notebook has made no changes to test case assertions

### Baseline Tagger Implementation



Emission count test case assertions all pass.

- The emission counts dictionary has 12 keys, one for each of the tags in the universal tagset
- "time" is the most common word tagged as a NOUN

Your emission counts look good!  
Your MFC tagger has all the correct words!

✓ Baseline MFC tagger passes all test case assertions and produces the expected accuracy using the universal tagset.

- >95.5% accuracy on the training sentences
- 93% accuracy the test sentences

Your MFC tagger accuracy looks correct!

## Calculating Tag Counts

✓ All unigram test case assertions pass

Your tag unigrams look good!

✓ All bigram test case assertions pass

Your tag bigrams look good!

✓ All start and end count test case assertions pass

Your starting and ending tag counts look good!

## Basic HMM Tagger Implementation

✓ All model topology test case assertions pass

Your HMM network topology looks good!

✓ Basic HMM tagger passes all assertion test cases and produces the

expected accuracy using the universal tagset.

- >97% accuracy on the training sentences
- >95.5% accuracy the test sentences

Your HMM tagger accuracy looks correct! Congratulations, you've finished the project.

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