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# Part of Speech Tagging

REVIEW

CODE REVIEW

HISTORY

## Meets Specifications

Congratulations on completing the project, your implementation skills are top-notch 🎉

Well done and all the best 👍 😊

## 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

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

## Calculating Tag Counts

All unigram test case assertions pass

All bigram test case assertions pass

All start and end count test case assertions pass

## Basic HMM Tagger Implementation

All model topology test case assertions pass

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

RETURN TO PATH

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