UDACITY

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Part of Speech Tagging

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

All code cells are executed with the output displayed 👍

Submitted notebook has made no changes to test case assertions

Baseline Tagger Implementation

Emission count test case assertions all pass

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- 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

✅ 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

Well written code!

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

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Well done!

Calculating Tag Counts

All unigram test case assertions pass

Well implemented code for all unigram and bigram test cases 👍

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

Excellent implementation of the HMM tagger, great job 👍

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

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✅ >95.5% accuracy the test sentences

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