Part of Speech Tagging

REVIEW

CODE REVIEW

HISTORY

Meets Specifications

Congratulations on passing the project!! 🤩💯💯🎉

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

Awsome! Both notebook and HTML are included with submission. 👍

Submitted notebook has made no changes to test case assertions

Great! No changes are made in 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**

Well Done! Emission counts dictionary has 12 keys and "time" is the most common word tagged as 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**

Fantastic! MFC tagger accuracy looks good. 😸

Calculating Tag Counts

All unigram test case assertions pass

Perfect! Your tag unigrams look good and also all unigram test case assertions pass 🎉

All bigram test case assertions pass

Good job! Your tag bigrams look good and also all bigram test case assertions pass 😉

All start and end count test case assertions pass

Well done! Starting and ending counts are correctly calculated and testcase assertions are passing. 💯

Basic HMM Tagger Implementation

All model topology test case assertions pass

Awesome! All Model topology testcase assertion are passing. 👍

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**

Very good! Accuracy on both training and testing data sets are above threshold. 👏

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