Part of Speech Tagging

REVIEW | HISTORY

Meets Specifications

Great job, you passed the project! Keep up the momentum 😉
And thanks for the project feedback. Could you also write it to 'feedback' channel on Slack :)

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

Both ipynb and html files are included 👌

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**

Good job, emission count and the most common word are correct 👌

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**

Required accuracy achieved on MFC tagger 👌

Calculating Tag Counts

All unigram test case assertions pass

Tag unigram implementation is correct 👌

All bigram test case assertions pass

Tag bigram implementation is correct 👌

All start and end count test case assertions pass

Start and end count test case passed 👌

Basic HMM Tagger Implementation

All model topology test case assertions pass

You got HMM network topology correct 👍

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**

Nearly perfect accuracy 👏

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