

Chapter 7 Exercises

Erin M. Buchanan

03/19/2019

Get Started

- Create a Jupyter notebook with the following items. You should upload a compiled version of the notebook in html or pdf format.
- Remember, use Markdown cells to answer text questions. Paste the questions into the cells so it's clear what you are answering.
- Be sure to answer all the questions! Also be sure you are answering the questions posted, not an old answer from GitHub or Stack Overflow.

Creating Phrases

- The IOB tag system lets us create a flat structure (i.e., one line per word with tag) to read. Why do we need all three tags to be able to create this flat structure?
- Create a chunker using regular expressions `RegexpParser` to find all the verb phrases, rather than the noun phrases.
 - Evaluate the chunker from a blank set (i.e., `nltk.RegexpParser("")`).
 - Evaluate the chunker from your updated regular expressions.
 - How much better did you do than tagging everything as O?
- Using the `UnigramChunker` we created in the lecture, examine how well the chunker does for verb phrases, rather than noun phrases.
 - Does it perform similarly for verb phrases, as we found for noun phrases?