Tagging

Input : An array of arrays which in turn consist of words

Output : An array of arrays which in turn consist of 4 tuple (word, tag, sentiment , priority)

Steps :

1. Tagging using pos\_tag

2. Introduce Priority and sentiment fields & Sentiment will be neutral

3. Shorten words using Regular Expressions, Checking priority ->

4. /\* Negation \*/

Notes :

1. Sentiment can be -1 (Negative) , 0 (Undefined, No sentiment , Word not recognized ) or 1. It is initialized to 0 in this step .Only after lexicon look-up, correct sentiment is attached.)
2. Priority is either 0 (normal ) or 1 (high). High for All Capitalized word and Emoticons.