

coursera

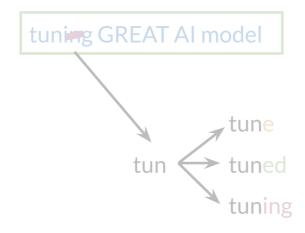


Preprocessing

When preprocessing, you have to perform the following:

- 1. Eliminate handles and URLs
- 2. Tokenize the string into words.
- 3. Remove stop words like "and, is, a, on, etc."
- 4. Stemming- or convert every word to its stem. Like dancer, dancing, danced, becomes 'danc'. You can use porter stemmer to take care of this.
- 5. Convert all your words to lower case.

For example the following tweet "@YMourri and @AndrewYNg are tuning a GREAT AI model at https://deeplearning.ai!!!" after preprocessing becomes





Preprocessed tweet: [tun, great, ai, model]

[tun, great, ai, model]. Hence you can see how we eliminated handles, tokenized it into words, removed stop words, performed stemming, and converted everything to lower case.

P₁