* Sentiment analysis is like mining for opinion
  + It is a branch of natural language processing
* You would use sentiment analysis for something like finding if this a positive or negative feedback
* The goals of the project
  + Simple sentiment analysis that tells if they are positive or negative
  + Embed the model in a graphic application
  + Other adaptations and classifiers
* The packages they are going to use
  + Pickle, re, pandas, nltk, sklearn, os
  + Then they use a method in sickit-learn called SGDClassifier
  + They will also save it as a pkl file
  + Re is used for regular expression which is a just stuff that is in strings
  + Regex uses the ‘\’ to indicate special characters
* Here are the files that they have
  + Pkl\_builder.py = this will be used to bring in the modules and download stopwords
  + Pkl\_builder\_tokenizer.py = this goes through all of the documents and removes all of the excess stuff through regex (regular expression)
  + Pkl\_builder\_vect.py = this vectorizes all of the text into analyzable data and classifier
  + Pkl\_builder\_createpkl.py = this trains the model by turning the words into vectors and then putting them into a pickle file
* Stop words are words that are commonly found in English and don’t contain import information so the goal is to find them and remove them