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Construct the Environment

Steps to configure the environment:

1) Download and install Anaconda from the following link:

https://www.continuum.io/downloads

2)Open the Spyder application.

3) Put all the code files in the present working directory of the system.

#Environment Details:

Language: Python 3.5

IDE used: Spyder

Libraries:Pandas, Scikit, nltk

Operating System: Mac

Code Files:

Digit_Boosting.py

Sentiment-Boosting.py

DigitRecognition.py

SentimentAnalysis.py

How to run and test

Following are the steps to run the code files:

1. Extract the zip data file and store the files in the location of the working directory.

2. If required change the file path in code and then execute the code.

3. For executing SentimentAnalysis.py and Sentiment-Boosting.py, if you don't have nltk package downloaded, uncomment line 37 and then run.
4. This will prompt you to download nltk package. Go ahead and click on download package
5. Once done with download; execution will continue.

6. Note the results of the prediction in the test data shown in the console.

References:
https://www.kaggle.com/c/word2vec-nlp-tutorial/details/part-1-for-beginners-bag-of-words