User Manual

Pre-requisites

- Python 2.7
- Enthought Canopy
- Ipython Notebook
- PySpark
- Nltk and all its modules
- Sklearn
- Gensim
- List of various python modules : editdistance, re, random, dictionary, numpy,matplotlib, pickle,enchant

How to execute the files ?

- There are various folders separately for everything
- Open *final_seeding.ipynb* for Seeding Algorithm. For this, run the file in ipython notebook. Change the location of files as per your system.
- This will create 2 corpus of negative and positive which are also present in Corpus folder.
- Execute *sarcasm_ml.ipynb* in the similar fashion as done for the above file.
- The create models are present in *models* folder to reduce the computation time of training.
- Finally, the results are graphically obtained using *graph.ipynb*.
- For pragmatic classification, execute *emoticon_sarcasm.ipynb* after changing the pyspark location as per your system.