**Reference for Machine Learning**

<http://stackoverflow.com/questions/14741771/how-to-arrange-the-data-for-a-heatmap-pcolormesh>: pcolormesh and scatter

<http://stackoverflow.com/questions/13294673/specifying-colours-when-using-matplotlibs-pcolormesh>: cmap(custom colormap)

<http://stackoverflow.com/questions/8364674/python-numpy-how-to-count-the-number-of-true-elements-in-a-bool-array>: count TRUE in numpy array

<http://stackoverflow.com/questions/6315865/how-can-i-divide-two-integers-stored-in-variables-in-python>: real divide in python

<http://stackoverflow.com/questions/2993214/log2-in-python-math-module>: log2 in python

<http://stackoverflow.com/questions/15680463/change-ipython-working-directory>: see and change working directory

<https://docs.python.org/2/library/string.html>: string.split()

<http://www.tutorialspoint.com/python/string_translate.htm>: string.translate()

<http://www.nltk.org/howto/stem.html>: stemmers(particularly, snowball stemmer)

<http://www.tutorialspoint.com/python/string_replace.htm>: string.replace()

<https://docs.python.org/2/faq/windows.html>: how to run Python script under windows

<http://stackoverflow.com/questions/81584/what-ide-to-use-for-python>: IDE for Python

<http://pythontips.com/2013/08/02/what-is-pickle-in-python/>: Pickle in Python

<http://stackoverflow.com/questions/10458437/what-is-the-difference-between-dict-items-and-dict-iteritems>: dictionary.item() vs. dictionary.iteritem()

<http://scikit-learn.org/stable/modules/generated/sklearn.feature_selection.SelectKBest.html>: SelectKBest

http://scikit-learn.org/stable/modules/generated/sklearn.feature\_selection.f\_classif.html#sklearn.feature\_selection.f\_classif : f\_classif

<http://stackoverflow.com/questions/3097866/python-access-to-first-element-in-dictionary>: access to dictionary

<http://stackoverflow.com/questions/32889929/gridsearchcv-scoring-parameter-using-scoring-f1-or-scoring-none-by-default-u>: GridSearchCV with different setting for scoring.

<http://stackoverflow.com/questions/8409095/matplotlib-set-markers-for-individual-points-on-a-line>: set markers for individual points on a line

<http://stackoverflow.com/questions/12608788/changing-the-tick-frequency-on-x-or-y-axis-in-matplotlib>: change “tick frequency” on x or y axis in matplotlib

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**“I hereby confirm that this submission is my work. I have cited above the origins of any parts of the submission that were taken from Websites, books, forums, blog posts, github repositories, etc.”**