**Read Me**

Note: All methods have to be run through the Jupyter Notebooks

**### Dependencies:**

* Pandas
* Numpy
* Scipy
* Ast (import literal\_eval)
* Matplotlib
* Seaborn
* from sklearn.feature\_extraction.text import TfidfVectorizer
* from sklearn.metrics.pairwise import linear\_kernel
* from scipy.sparse import csr\_matrix
* from sklearn.neighbors import NearestNeighbors
* from sklearn.metrics.pairwise import cosine\_similarity
* from wordcloud import WordCloud, STOPWORDS

**### Run Order:**

1. FinalProject\_DataCleaning\_Exploration.ipynb
2. FinalProject\_MLmodels.ipynb

**### Required Data Files:**

**originalData File contains:**

* ratings\_small.csv
* movies\_metadata.csv
* credits.csv
* keywords.csv
* ratings.csv