MOVIE SENTIMENT ANALYSIS

The project aims at comparing the movie review sentiments for a given movie across social media platforms like FaceBook, YouTube, TMDB and OMDB.

GETTING STARTED

These instructions will get you a copy of the project up and running on your local machine for development and testing purposes. See deployment for notes on how to deploy the project on a live system.

PREREQUISITES

Pip, Jupyter, Python3, facebook python client, googleapiclient, oauth2client, bokeh, tmdbsimple, google_auth_oauthlib, numpy

INSTALLING

The following steps show how to install the prerequisites.

- Installing pip (URL)
  - sudo apt-get install pip

Installing jupyter (http://jupyter.readthedocs.io/en/latest/install.html)

```
sudo pip install jupyter
```

Installing Python (URL)

```
sudo apt-get install python3.x
```

Installing bokeh (https://bokeh.pydata.org/en/latest/docs/installation.html)

```
sudo pip install bokeh
```
Installing youtube (https://developers.google.com/youtube/v3/quickstart/python)

```
pip install --upgrade google-api-python-client
```
Installing FaceBook Api (http://facebook-sdk.readthedocs.io/en/latest/install.html)

```
pip install facebook-sdk

```

Installing Google Api (https://developers.google.com/api-client-library/python/start/installation)
```
pip install --upgrade google-api-python-client

```

Installing Google Api (https://pypi.org/project/tmdbsimple/)
```
pip install tmdbsimple

```

Installing TextBlob(http://textblob.readthedocs.io/en/dev/install.html)
```
pip install -U textblob


```

Installing matplotlib(http://textblob.readthedocs.io/en/dev/install.html)
```
pip install matplotlib


```

Installing ipyWidgets(http://textblob.readthedocs.io/en/dev/install.html)
```
pip install ipywidgets

```


RUNNING THE TESTS

To run the project, open a jupyter notebook terminal. Navigate to the directory containing the source code python notebook (SMDM_Project.ipynb). Open this notebook in the window by double clicking it. This is the source code of the complete project with all the required libraries included.

RUNNING CELLS IN IPYNB FILE

Click the play symbol in the bar above. Clicking the play button will run the active cell or the current cell.

```
Clicking play for the first time will run cell containing the import statements for all the libraries.
```


Contributing

If you want to contribute you can send a pull request to dummyurl@github.com. Please check out code of conduct at moredummy@github.com.

Versioning

We used [Bitbucket](http://www.bitbucket.com) for versioning.

AUTHORS

* **Ankita Gadage** - *YouTube Comments Scraping and Visualization*
* **Mrunal Maniar** - *FaceBook Reviews/Comments Scraping*
* **Nikhil Yathindra** - *TMDB/OMDB Data Scraping*
* **Swapnil Borse** - *Sentiment Analysis, Merging code and Visualization*

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