Readme-Group 5

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

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