DATA FOCUSED PYTHON - TEAM 18

Sumeet Shinde - sshinde@andrew.cmu.edu

Muskan Sharma – muskans@andrew.cmu.edu

Kiran Solapure – ksolapur@andrew.cmu.edu

Seeulee Upadhyay – seeuleeu@andrew.cmu.edu

ADDITIONAL INSTALLATION REQUIREMENTS:

1) Python Reddit API Wrapper (PRAW)

Use conda forge to install this reddit API:

```
conda install -c conda-forge praw
```

RUN INSTRUCTIONS:

The uploaded zip file contains the following files:

1) main.py
   - main python file to be run.
   - It yields dataframe containing the most trending memes and the related attributes along with their graphical visualizations.

2) reddit_scrape.py
   - It contains code to scrape data from subreddits using the PRAW API which gives dataframe containing meme information.
   - The authentication information has been provided in the file.
   - Incase of any issue with the authentication please contact the author.

3) chive_scrape.py
   - It contains code to scrape data from chive.com
   - The scraping has been done using BeautifulSoup
   - Gives dataframe containing meme information.

4) memedroid.py
   - It contains code to scrape data from memedroid.com
   - The scraping has been done using BeautifulSoup
   - Gives dataframe containing meme information.

5) memegenerator.csv
   - It contains data used from memegenerator.net.
   - Data is in the form of a csv file and contains meme information.

DEMO VIDEO:

Following is the link to the youtube video demonstrating our project

https://youtu.be/V9ER73UJB8I