

project

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Final Project: Motivational Quote of the Day

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Project Description: Our project is a bot that posts a motivational message per day in a subreddit. The purpose of the bot is to help people who are feeling down and need a small message to motivate them at the start of their day. All quotes are from famous authors, activists, and well-known public figures. We wanted to have these quotes that are based on inspiring people in hopes of giving people a small dose of encouragement to begin their day.

```
[1]: # Load some code called "praw" that will help us work with reddit
import praw
```

```
[2]: # load your reddit keys
%run reddit_keys.py
```

```
[3]: # Give the praw code your reddit account info so
# it can perform reddit actions
reddit = praw.Reddit(
    username=username, password=password,
    client_id=client_id, client_secret=client_secret,
    user_agent="a custom python script for user /" + str(username)
)
```

```
[4]: import pandas as pd

# load the inspirational_quotes.csv file
quotes_df = pd.read_csv('project_quotes.csv')
```

```
[ ]: import random
from time import sleep
from itertools import cycle

# while loop to post the quote once each day
row_iterator = cycle(quotes_df.iterrows())

while True:
    quote = next(row_iterator)
```

```

print(quote)

reddit.subreddit(
    "DailyMotivationInfo"
).submit(
    "Motivational Quote of the Day",
    selftext = quote
)
sleep(86400)

```

(0, quotes "The strongest principle of growth lies in the...
 Name: 0, dtype: object)

3 Ethical Questions:

1.) Are we plagiarizing the quotes? Should we credit the quotes to the original speaker? When posting inspirational quotes, there may be issues of plagiarism or failure to credit the source properly. To combat this, if we are able to identify an author to the quote, we will add the author's name as part of the daily upload to give due credit. Another way we could combat this issue is to upload quotes that come from a single book/dictionary, and cite the author in each upload for simplicity. Furthermore, intent plays a big role in assessing whether or not plagiarism is taking place. Since we are not claiming the quotes as our own, and accrediting the author when able, we can make sure we are doing our part in promoting ethical work with our reddit bot.

2.) Does the daily quote upload serve the best interest of viewers? Is it actually helpful? When we upload the messages to the bot, we want to make sure that these daily quotes are helpful to the users. We want to make sure the quotes are motivational to support the user's emotions and be able to uplift their day. We don't want to add in quotes that are plain or bland that the users wouldn't want to read them. The quotes need to be inspirational and creative that are refreshing to read.

3.) Are our quotes inclusive or biased? Another question that arose throughout our brainstorm was determining how we can make sure our quotes maintain diversity, equity and inclusion. For example, should we refrain from all quotes that may use exclusive pronouns (she/her, he/him, woman, man, etc)? Or, could our quotes cater to one type of audience more than another? Keeping these issues in mind, we will be especially meticulous about the quotes we choose to include in our list of quotes to reach diverse people without excluding or degrading anyone.

Two ethics frameworks:

1.) Virtue Ethics

Virtue Ethics encompasses the idea of acting virtuously (friendly, courageous, compassionate, etc) to become a better version of yourself. Our project targets this concept of bettering ourselves by uplifting others. While the specific virtues may vary per person, we can conclude that the small action our bot will complete (encouraging a stranger with a motivational quote everyday" will help ourselves as creators learn to act more virtuously and also inspire others to do the same.

2.) Ethics of Care

Ethics of Care is based on the foundation of balancing the needs of yourself with the needs of those you care for (including strangers). We chose this ethical framework to spotlight for our project as

it tightly correlates with the purpose of our bot: to motivate others to feel heard and encouraged everyday even if they are strangers.

Biggest Challenge:

Our biggest challenge while working on this project was making a loop to post a quote once per day. We didn't know how to loop through rows in a csv file where our quotes are stored in. At first, we had a for loop to go through all the quotes in the csv file. However, the quotes stopped posting after it reached the last quote. We wanted to have the code to loop back and continue to post the quotes at the beginning again. Thus, we realized we can use a row iterator to loop to the beginning of the quotes and change the for loop to a while loop. Finally, we were able to code a way to have our code to post a quote once per day and keep reusing the same quotes.