User Stories

Travel

I, as an avid backpacker, would like to use information from popular twitter handles to gain an insight on what countries have beautiful landscapes for me to backpack through for a set amount of time.

I, as an amateur photographer, want to use twitter to determine from popular twitter handles to gain an insight on what photography destinations are highly visited/liked and vice versa to help me build a portfolio.

I, as a new traveler, want to use twitter accounts in regards to finding the best countries to visit for a new traveler, including low crime rates and ease of traversing the local cities.

Cooking

I, as an amateur chef youtuber, want to learn which food dishes are the most popular for me to make as well so that my channel can become more popular

I, as a terrible cook who burns everything, wants to find the most liked beginner tutorial videos so that I don't waste my time on bad tutorials or more advanced ones

Flying

I, as a frequent flier, want to utilize airline twitter news feeds to determine the airlines that receive the most complaints because of flight delays so I can avoid them.

Sports

I, as a twitter user who only cares about the tweets related to sports, I would like the product to help me filter out the tweets relevant to the sports news and tips.

Normal

I, as a twitter user who likes posting about my own daily life, I would like to increase my twitter's popularity through the product by seeing which posts have the most likes

Image-to-Text

I, as a twitter user who likes viewing only texts and sometimes is unable to understand the actual meaning of the images posted by others, I would like to view the text description of the images posted by others. I can make it easier for me to understand what others try to present.

Positive

I, as a twitter user who doesn't want to view the negative tweets from others, I would like the product to help me screen out only the tweets with positive or neutral messages.

<p style="text-align: center;"><u>Minimum Viable Product</u></p>

We would like to analyze popular twitter feeds in determining popular travel destinations and public positive or negative reactions to them.

<p style="text-align: center;"><u>Architecture</u></p>

1. Want to grab data from twitter.

2. Need to then store it in a some type of large storage product

3. Will then copy the initial data stored so as to maintain an original version as well as a version to analyze

4. Run through software to analyze text and image data from tweets
    a. Use various image datasets from popular destinations to help train system
    b. Text-determine reactions whether positive or negative
    c. Images -output location and name of site
    d. Store in system and assign either a favorable or unfavorable reaction to each picture
    e. depending on majority of reactions

5. Output list of most liked and least liked images with assigned locations