Account issue figure it out

Collect tweets to a local corpus (download)

Then open local corpus and run NLP analysis

Don’t process in real time to start.

NLP Tweet Parsers:

<https://pypi.org/project/tweet-parser/>

<https://github.com/twitterdev/tweet_parser>

# Folder Loopimport os# Folder of .gz tweet filespath\_of\_the\_directory = r"D:\06\_Data\CalGIS23\Skaggs\BSD\CA0"file\_extension = '.gz' # File extension for unzipfile\_list = [] # Create a list of file names.count = 0 # Counter# Build list of files to uncompressfor filename in os.listdir(path\_of\_the\_directory): f = os.path.join(path\_of\_the\_directory, filename) if os.path.isfile(f): if f.endswith(file\_extension): #print(f) file\_list.append(f) count += 1print('El Fin', count)

# Unzip and back to Json format

# Gzip Uncompressimport gzip# Function to uncompress a .gz file and then save itdef gunzip(source\_filepath, dest\_filepath, block\_size=65536): with gzip.open(source\_filepath, 'rb') as s\_file, \ open(dest\_filepath, 'wb') as d\_file: while True: block = s\_file.read(block\_size) if not block: break else: d\_file.write(block)# gunzip function call to unzip each .gz file and save itfor file in file\_list: source\_file = file dest\_file = file.rstrip('.gz') dest\_file = dest\_file + '.json' #print(source\_file, dest\_file) gunzip(source\_file, dest\_file)print('El Fin')

#Loop opens Json files and runs through tweets

# Folder Loop for Uncompressed JSON filesimport os# Folder of .gz tweet filespath\_of\_the\_directory\_json = r"D:\06\_Data\CalGIS23\Skaggs\BSD\CA0"file\_extension\_json = '.json' # File extension for unzipfile\_list\_json = [] # Create a list of file names.count\_json = 0 # Counter# Build list of json files to readfor filename\_json in os.listdir(path\_of\_the\_directory\_json): json\_file = os.path.join(path\_of\_the\_directory\_json, filename\_json) if os.path.isfile(json\_file): if json\_file.endswith(file\_extension\_json): #print(json\_file) file\_list\_json.append(json\_file) count\_json += 1print('El Fin', count\_json)