import csv

import matplotlib.pyplot as plt

# Open the CSV file

with open('Tweets.csv', 'r', encoding='utf-8') as f:

reader = csv.reader(f)

# Skip the header row

next(reader)

# Create a dictionary to store the number of tweets for each airline sentiment

airline\_sentiment\_counts = {}

# Iterate over the rows in the CSV file and count the number of tweets for each airline sentiment

for row in reader:

airline\_sentiment = row[1]

if airline\_sentiment in airline\_sentiment\_counts:

airline\_sentiment\_counts[airline\_sentiment] += 1

else:

airline\_sentiment\_counts[airline\_sentiment] = 1

# Create a bar chart to show the number of tweets for each airline sentiment

plt.bar(airline\_sentiment\_counts.keys(), airline\_sentiment\_counts.values(), color=['green', 'yellow', 'red'])

# Set the title and labels for the bar chart

plt.title('Twitter US Airline Sentiment')

plt.xlabel('Airline Sentiment')

plt.ylabel('Number of Tweets')

# Add a grid to the bar chart

plt.grid(True)

# Rotate the x-axis labels to prevent overlapping

plt.xticks(rotation=45)

# Show the bar chart

plt.show()