**SNA Mini Project**

**Sentiment Analysis**

**Code:**

!pip install statistics

!pip install nltk

!pip install random

!pip install colorama

import nltk

nltk.download('vader\_lexicon')

nltk.download('twitter\_samples')

import nltk

from nltk.corpus import stopwords, twitter\_samples

from nltk.sentiment import SentimentIntensityAnalyzer

from statistics import mean

from random import shuffle

from colorama import Fore

sia = SentimentIntensityAnalyzer()

sia.polarity\_scores("NLTK is a great package to perform NLP.")

green = Fore.GREEN

red = Fore.RED

def ispositive(tweet : str) -> bool:

return sia.polarity\_scores(tweet)["compound"] > 0

tweets = [tweet for tweet in twitter\_samples.strings()]

shuffle(tweets)

for tweet in tweets[ : 10]:

color = green

if not ispositive(tweet):

color = red

print(f"{color}{tweet}")

**Output:**



