#Analyzing text for whether comments are positive or negative

from sklearn.feature\_extraction.text import CountVectorizer

import pandas as pd

import numpy as np

Addr1='D://From SD Card/DSC550/data/bellevue.edu/DailyComments.csv'

dataframe = pd.read\_csv(Addr1)

print(dataframe)

corpus = dataframe['comments']

vectorizer = CountVectorizer()

X = vectorizer.fit\_transform(corpus)

print("")

print("vectorized words")

print("")

print(vectorizer.get\_feature\_names())

print("")

print("Identify Feature Words - Matrix View")

print("")

print( X.toarray())

df = pd.DataFrame({'text' : corpus})

#check for positive words and negative words

df['positive1'] = df.text.str.count('good')

df['positive2']= df.text.str.count('special')

df['negative'] = df.text.str.count('bad')

df['TotScore'] = df.positive1 + df.positive2 - df.negative

print("")

print(df)

Z = sum(df['TotScore'])

print("")

print("Overall Score: ",Z)