From flask import Flask,request,render\_template,url\_for

From keras.models import load\_model

Import pickle

Import tensorflow as tf

Graph = tf.get\_default\_graph()

With open(r’CountVectorizer’,’rb’) as file:

Cv = pickle.load(file)

Print(“\ncv loaded\n”)

Cla=load\_model(‘twit1.h5’)

Cla.compile(optimizer=”admin”,loss=’binary\_crossentropy’)

App=Flask(\_\_name\_\_)

@app.route(‘/’)

Def index():

Return render\_template(‘index.html’)

@app.route(‘/y\_predict’,methods=[‘GET’,’POST’])

Def page2():

If request.method==’GET’:

Img\_url=url\_for(‘static’,filename=’style/3.jpg’)

Return render\_template(‘index.html’,url=img\_url)

If request.method==’POST’:

Topic=request.form[‘tweet’]

Print(“Hey”+topic)

Topic=cv.transform([topic])

Print(“/n”+str(topic.shape)+”\n”)

With graph.as\_default():

Y\_pred=cla.predict(topic)

Print(“pred is”+str(y\_pred))

If(y\_pred>0.5):

Img\_url=url\_for(‘static’,filename=’style/1.jpg’)

Topic=”positive Tweet”

Elif( y\_pred<0.5):

Img\_url=url\_for(‘static’,filename=’style/2.jpg’)

Topic=”Negative Tweet”

Else:

Img\_url=url\_for(‘static’,filename=’style/3.jpg’)

Topic=”Neutral Tweet”

If(\_\_name\_\_==”\_\_main\_\_”):

App.run(debug=True)