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# app.py file
import numpy as np
from flask import Flask, render_template, request
from
tensorflow.keras.models import load_model
import os

app = Flask(__name__)
model =
load_model('crudeoil.h5', )


@app.route('/')
def home():
    return
render_template("index.html")


@app.route('/index.html')
def home1():

return render_template("index.html")


@app.route('/new.html')
def home2():

return
render_template("new.html")


@app.route('/login',methods=['POST','GET'])
def
login():
 if request.method == 'POST':
    x_input=str(request.form['year'])

x_input=x_input.split(',')
    print(x_input)
    for i in range(0, len(x_input)):

x_input[i]=float(x_input[i])
    print(x_input)
    x_input=np.array(x_input).reshape(1,
-1)
    temp_input=list(x_input)
    temp_input=temp_input[0].tolist()
    lst_output=[]

 n_steps=10
    i=0
    while(i<1):
     if(len(temp_input)>10):

x_input=np.array(temp_input[1:])
        print("{} day input
{}".format(i,x_input))
        x_input=x_input.reshape(1,-1)

x_input=x_input.reshape((1,n_steps,1))
        yhat=model.predict(x_input, verbose=0)

print("{} day output {}".format(i,yhat))

temp_input.extend(yhat[0].tolist())
        temp_input=temp_input[1:]

lst_output.extend(yhat.tolist())
        i=i+1
     else:

x_input=x_input.reshape((1,n_steps,1))
        yhat=model.predict(x_input,verbose=0)
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print(yhat[0])
        temp_input.extend(yhat[0].tolist())
        print(len(temp_input))

     lst_output.extend(yhat.tolist())
        i=i+1

    print(lst_output)

    return
render_template("result.html",result=str(lst_output))


if __name__=='__main__':

 app.run(debug=True, port=5000)
```