

```

from
dataclasses
import
dataclass

    from fileinput import filename
    from flask import Flask,request,render_template
    from werkzeug.utils import secure_filename
    from keras import models
    import warnings
    import pandas as pd
    import numpy as np


import matplotlib
import matplotlib.pyplot as plt


warnings.filterwarnings("ignore")
plt.style.use('fivethirtyeight')
matplotlib.rcParams['axes.labelsize']=14
matplotlib.rcParams['xtick.labelsize']=12
matplotlib.rcParams['ytick.labelsize']=12
matplotlib.rcParams['text.color']='k'
import pickle
import os
from PIL import Image
from flask_cors import CORS
app = Flask(__name__)
CORS(app)


APP_ROOT=os.path.dirname(os.path.abspath(__file__))
UPLOAD_PATH="get image"
UPLOAD_DIRECTORY=os.path.join(APP_ROOT,UPLOAD_PATH)
app.config['UPLOAD_DIRECTORY']=UPLOAD_DIRECTORY


#upload dataset
@app.route('/upload_file',methods=['POST'])
def upload_file():
    img = Image.open(request.files['file'].stream).convert("L")
    img = img.resize((28,28))
    img2arr = np.array(img)
    img2arr = img2arr.reshape(1,28,28,1)

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model = models.load_model('final_model.h5')
#y_pred = model.predict_classes(img2arr)
y_pred = np.argmax(model.predict(img2arr), axis=1)
print(y_pred)
if(y_pred == 0):
    return render_template("0.html",shoechase = str(y_pred))
elif(y_pred == 1):
    return render_template("1.html",shoechase = str(y_pred))
elif(y_pred == 2):
    return render_template("2.html",shoechase = str(y_pred))
elif(y_pred == 3):
    return render_template("3.html",shoechase = str(y_pred))
elif(y_pred == 4):
    return render_template("4.html",shoechase = str(y_pred))
elif(y_pred == 5):
    return render_template("5.html",shoechase = str(y_pred))
elif(y_pred == 6):
    return render_template("6.html",shoechase = str(y_pred))
elif(y_pred == 7):
    return render_template("7.html",shoechase = str(y_pred))
elif(y_pred == 8):
    return render_template("8.html",shoechase = str(y_pred))
else:
    return render_template("9.html",shoechase = str(y_pred))
@app.route('/')
def home():
    return render_template("home.html")

if __name__ == '__main__':
    app.run(debug=True)

```