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import numpy as np
import pandas as pd
from flask import Flask, request, render_template
import pickle as p
app=Flask(__name__)

import requests

# NOTE: you must manually set API_KEY below using information retrieved from your
IBM Cloud account.
API_KEY = "nLqYPcmmMXzouXWU9VTlIupFXMTPBw7NVDrx71IyAIY-"
token_response = requests.post('https://iam.cloud.ibm.com/identity/token',
data={"apikey":
 API_KEY, "grant_type": 'urn:ibm:params:oauth:grant-type:apikey'})
mltoken = token_response.json()["access_token"]

header = {'Content-Type': 'application/json', 'Authorization': 'Bearer ' + mltoken}

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

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

@app.route('/predict',methods=['POST'])
def prediction():
    form_value=request.form.values()
    data=[]
    for x in form_value:
        data.append(pd.to_numeric(x).astype(float))

    features_name=['age','blood_urea','blood glucose
random','coronary_artery_disease',

'anemia','pus_cell','red_blood_cell','diabetesmellitus','pedal_edema']


     payload_scoring = {"input_data": [{"fields": [array_of_input_fields],
"values": [array_of_values_to_be_scored, another_array_of_values_to_be_scored]}]}

response_scoring =
requests.post('https://us-south.ml.cloud.ibm.com/ml/v4/deployments/b8bec8b9-3690-
484d-ac4b-111a7da8657f/predictions?version=2022-11-21', json=payload_scoring,
 headers={'Authorization': 'Bearer ' + mltoken})
print("Scoring response")
print(response_scoring.json())
print(prediction)
pred=prediction['predictions'][0]['values'][0][0]



    if(output==0):
        return render_template('index.html' , pred='Oops!! You have Kidney Chronic
Disease. So, please concern a Doctor')
    else:
return render_template('index.html' , pred='you are not affected by Chronic kidney
Disease')
```

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