from flask import Flask, render\_template, redirect, url\_for, request

import requests

app = Flask(\_\_name\_\_)

@app.route("/", methods = ['POST', 'GET'])

def index():

if request.method == 'POST':

arr = []

for i in request.form:

val = request.form[i]

if val == '':

return redirect(url\_for("demo2"))

arr.append(float(val))

# deepcode ignore HardcodedNonCryptoSecret: <please specify a reason of ignoring this>

API\_KEY = "poJ22ua6BCG9qY33B8fkgnz1bnP1f9DZqUlF9NkBM1bZ"

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}

payload\_scoring = {

"input\_data": [{"fields":[ 'GRE Score',

'TOEFL Score',

'University Rating',

'SOP',

'LOR ',

'CGPA',

'Research'],

"values": [arr]

}]

}

response\_scoring = requests.post(

'https://us-south.ml.cloud.ibm.com/ml/v4/deployments/28aea4f7-0bec-4310-82bf-06e502d2cd4d/predictions?version=2022-11-03',

json=payload\_scoring,

headers=header

).json()

result = response\_scoring['predictions'][0]['values']

if result[0][0] > 0.5:

return redirect(url\_for('chance', percent=result[0][0]\*100))

else:

return redirect(url\_for('no\_chance', percent=result[0][0]\*100))

else:

return redirect(url\_for("demo2"))

@app.route("/home")

def demo2():

return render\_template("demo2.html")

@app.route("/chance/<percent>")

def chance(percent):

return render\_template("chance.html", content=[percent])

@app.route("/nochance/<percent>")

def no\_chance(percent):

return render\_template("noChance.html", content=[percent])

@app.route('/<path:path>')

def catch\_all():

return redirect(url\_for("demo2"))

if \_\_name\_\_ == "\_\_main\_\_":

app.run()