**PYTHON CODE**

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|  | # import the necessary packages |
|  | import pandas as pd |
|  | import numpy as np |
|  | import pickle |
|  | import os |
|  | from flask import Flask,request, render\_template |
|  | app=Flask(\_\_name\_\_,template\_folder="templates") |
|  | @app.route('/', methods=['GET']) |
|  | def index(): |
|  | return render\_template('home.html') |
|  | @app.route('/home', methods=['GET']) |
|  | def about(): |
|  | return render\_template('home.html') |
|  | @app.route('/pred',methods=['GET']) |
|  | def page(): |
|  | return render\_template('upload.html') |
|  | @app.route('/predict', methods=['GET', 'POST']) |
|  | def predict(): |
|  | print("[INFO] loading model...") |
|  | model = pickle.load(open('fdemand.pkl', 'rb')) |
|  | input\_features = [float(x) for x in request.form.values()] |
|  | features\_value = [np.array(input\_features)] |
|  | print(features\_value) |
|  |  |
|  | features\_name = ['homepage\_featured', 'emailer\_for\_promotion', 'op\_area', 'cuisine', |
|  | 'city\_code', 'region\_code', 'category'] |
|  | prediction = model.predict(features\_value) |
|  | output=prediction[0] |
|  | print(output) |
|  | return render\_template('upload.html', prediction\_text=output) |
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|  | if \_\_name\_\_ == '\_\_main\_\_': |
|  | app.run(debug=False) |
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