

Team ID-PNT2022TMID37180

The screenshot displays the Visual Studio Code interface for a project named 'app.py - IBM Project'. The Explorer sidebar on the left shows the project structure, including files like 'app.py', 'style.css', 'index.html', and 'RandomForestRegressor.pkl'. The main editor window shows the code for 'app.py', which is a Flask web application. The code imports necessary libraries (numpy, flask, pickle, joblib) and defines a Flask app. It includes a home route and a prediction route ('/y_predict') that handles POST requests. The prediction route loads a pre-trained Random Forest Regressor model and uses it to predict based on input data from the form. The output is displayed on the HTML GUI, with a warning message if the output is less than or equal to 9. The terminal at the bottom shows a warning message from sklearn regarding a version mismatch in DecisionTreeRegressor and a message indicating that the debugger is active. A notification from the Marketplace is also visible, suggesting extensions for '.csv' files.

```
1 import numpy as np
2 from flask import Flask, request, jsonify, render_template
3 import pickle
4 #from joblib import load
5 app = Flask(__name__)
6 model = pickle.load(open('RandomForestRegressor.pkl', 'rb'))
7
8 @app.route('/')
9 def home():
10     return render_template('index.html')
11
12 @app.route('/y_predict', methods=['POST'])
13 def y_predict():
14     '''
15     For rendering results on HTML GUI
16     '''
17     x_test = [[int(x) for x in request.form.values()]]
18     print(x_test)
19     #sc = load('scalar.save')
20     prediction = model.predict(x_test)
21     print(prediction)
22     output=prediction[0]
23     if(output<=9):
24         pred="Worst performance with mileage " + str(prediction[0]) + ". Carry extra fuel"
25         if(output<0 and output>=-17.5):
```

C:\Users\Musharraf\AppData\Roaming\Python\Python310\site-packages\sklearn\base.py:370: UserWarning: Trying to unpickle estimator DecisionTreeRegressor from version 0.22.1 when using version 1.1.3. This might lead to your own risk. For more info please refer to: https://scikit-learn.org/stable/model_persistence.html#security-maintainability-limitations
warnings.warn(
* Debugger is active!

The Marketplace has extensions that can help with '.csv' files

Search Marketplace Don't Show Again for '.csv' files