

Visual Studio Code interface showing a Python web application project named "IBM Project".

**EXPLORER:**

- OPEN EDITORS
  - app.py
  - Model Building (IBM Watson studio).ipynb
  - style.css
  - index.html
- IBM PROJECT
  - env
  - Static\css
    - background.jpg
    - style.css
  - Templates
    - index.html
  - app.py
  - car performance.csv
  - RandomForestRegressor.pkl

**app.py Code:**

```
24     pred="Worst performance with mileage " + str(prediction[0]) + ". Carry extra fuel"
25
26     if(output>9 and output<=17.5):
27         pred="Low performance with mileage " + str(prediction[0]) + ". Don't go to long distance"
28
29     if(output>17.5 and output<=29):
30         pred="Medium performance with mileage " + str(prediction[0]) + ". Go for a ride nearby"
31
32     if(output>29 and output<=46):
33         pred="High performance with mileage " + str(prediction[0]) + ". Go for a healthy ride"
34
35     if(output>46):
36         pred="Hurray!! Very high performance with mileage " + str(prediction[0]) + ". You can plan for a Tour"
37
38     return render_template('index.html', prediction_text='{}'.format(pred))
39
40 @app.route('/predict_api',methods=['POST'])
41 def predict_api():
42     """
43     For direct API calls through request
44     """
45     data = request.get_json(force=True)
46     prediction = model.y_predict([np.array(list(data.values()))])
47
48     output = prediction[0]
49     return jsonify(output)
50
51 if __name__ == "__main__":
```

**TERMINAL:**

```
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!
```

**Notification:** The Marketplace has extensions that can help with '.csv' files. [Search Marketplace] [Don't Show Again for '.csv' files]

**Status Bar:** Ln 3, Col 1 Spaces: 4 UTF-8 CRLF Python

**System Tray:** 27°C 07:44 PM 19-11-2022