

Name: Alua Birgebayeva

Batch Code: LISUM35

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Flask — python < python app.py — 80x24
Last login: Mon Aug 12 22:40:43 on ttys000
(base) aluabirgevayeva@Aluas-MacBook-Pro ~ % cd Documents/Flask
(base) aluabirgevayeva@Aluas-MacBook-Pro Flask % python app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment.
Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with watchdog (fsevents)
* Debugger is active!
* Debugger PIN: 144-776-733
127.0.0.1 - - [14/Aug/2024 00:19:28] "POST /predict HTTP/1.1" 200 -
127.0.0.1 - - [14/Aug/2024 01:19:23] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [14/Aug/2024 01:20:32] "POST /predict HTTP/1.1" 200 -
* Detected change in '/Users/aluabirgevayeva/Documents/Flask/create_pdf.py', re
loading
* Detected change in '/Users/aluabirgevayeva/Documents/Flask/create_pdf.py', re
loading
* Restarting with watchdog (fsevents)
* Debugger is active!
* Debugger PIN: 144-776-733

aluabirgevayeva — zsh — 80x24
Last login: Wed Aug 14 00:18:25 on ttys000
(base) aluabirgevayeva@Aluas-MacBook-Pro ~ % curl -X POST http://127.0.0.1:5000/
predict -H "Content-Type: application/json" -d '{"features":[5.1, 3.5, 1.4, 0.2]
}'
{
  "prediction": [
    0
  ]
}
(base) aluabirgevayeva@Aluas-MacBook-Pro ~ % curl -X POST http://127.0.0.1:5000/
predict -H "Content-Type: application/json" -d '{"features":[4.1, 2.3, 1.5, 0.4]
}'
{
  "prediction": [
    0
  ]
}
(base) aluabirgevayeva@Aluas-MacBook-Pro ~ % █

from flask import Flask, request, jsonify
import pickle

app = Flask(__name__)

# Load the model
with open('model.pkl', 'rb') as file:
    model = pickle.load(file)

@app.route('/')
def home():
    return "Welcome to my Flask app!"

@app.route('/predict', methods=['POST'])
def predict():
    data = request.get_json(force=True) # Added force=True for troubleshooting
    prediction = model.predict([data['features']])
    return jsonify({'prediction': prediction.tolist()})

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