

# Flask Deployment

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Submitted to..March 28

Data Glacier

Training and saving the model as *model.pkl*

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Flask app code that loads the model and handles predictions

```
import flask: request, jsonify
from flask import Flask

app = Flask(__name__)

app.config.from_object('config')

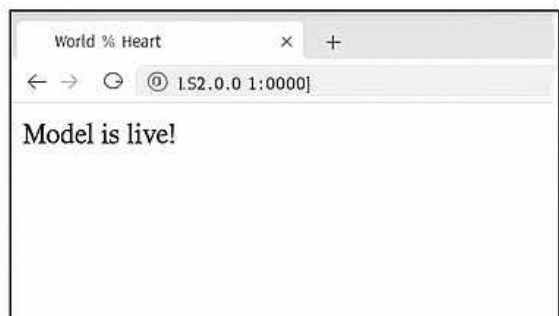
app.route('/predict', methods=['GET', 'POST'])
def predict():
    data = request.get_json()
    prediction = model.predict(data)
    return jsonify(prediction)

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

Successfully started the Flask server

```
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Punning-am oam) http://127.0.0.1:5000/
```

Flask home route tested in browser



Tested */predict* endpoint using input features

```
CMFL >$ POST $yDAWROST: application/json"
_S Context:"type sll 0.3.1.0/0.0"
{prediction: 0}
```

Generated requirements.txt for app dependencies

```
pip freeze > requirements.txt
```