

Deployment on Flask

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- Create Index.html
- Create style.css
- Create model.py file
- Generate model.pkl file
 - Make a prediction using a test point

```
import pickle

clf_rf.fit(X_train, y_train)

pickle.dump(clf_rf, open('model.pkl', 'wb'))

model = pickle.load(open('model.pkl', 'rb'))
print(clf_rf.predict([[3.5, 1.2, 2.4, 0.2]]))
```

- Create app.py file
- Create request.py
- Run app.py in the command line
 - Python app.py

```
[(base) Elenas-MacBook-Air:DG elenayun$ python app.py
* Serving Flask app "app" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
* Restarting with fsevents reloader
* Debugger is active!
* Debugger PIN: 224-199-612
```

- Go to <http://127.0.0.1:5000/>
 - Generate predictions using any test points

Iris Forecasting

2.5

3.6

4.1

2

Predict Iris Type

Iris type should be 1