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Batch Code: LISUM03

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Cloud and API deployment

Code:

```
import pickle
    import numpy as np
    from flask import request, Flask
    app=Flask( name )
    @app.route('/')
    def home():
         return "Hello"
    @app.route('/predict/',methods=['POST'])
11
12
    def predict():
         model=pickle.load(open('iris.pkl','rb'))
13
14
         x = np.array([request.args.get("a"),
15
                      request.args.get("b"),
                      request.args.get("c"),
                      request.args.get("d")]).reshape((-1,4))
17
18
         return f"Answer{model.predict(x)}"
19
21
    app.run()
```

RUN:

```
E:\Internship\Week5>python code.py

* Serving Flask app 'code' (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: off

* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)

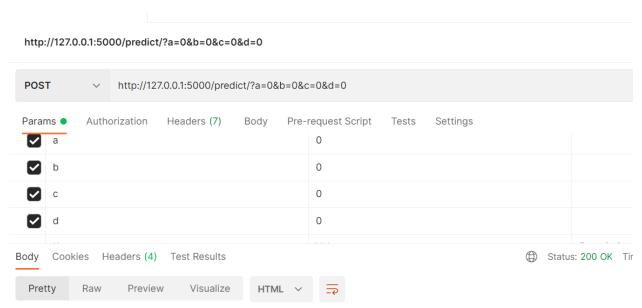
C:\Users\Beddings\Poptrata\Local\Programs\Python\Python3\lib\site-packages\sklearn\base.py:310: UserWarning: Trying to unpickle estimator Decision

TreeClassifier from version 0.22.1 when using version 0.24.2. This might lead to breaking code or invalid results. Use at your own risk.

warnings.warn(

127.0.0.1 - - [14/Oct/2021 14:33:59] "POST /predict/?a=0&b=0&c=0&d=0 HTTP/1.1" 200 -
```

Postman deployment:



1 Answer[0]