

API Deployment Guide

Step 1: Install dependencies

pip install fastapi uvicorn joblib scikit-learn numpy

Step 2: Start the FastAPI server

Open --- anaconda prompt -- cd Copy path\Folder Name

uvicorn app:app --reload

This will start the server locally at:

INFO: Uvicorn running on <http://127.0.0.1:8000>

Open above link in Browser

Request body required application/json

```
{
  "features": [[17155,
0.0,
53.34201,
52.82118,43.402774810790994,202.526031494141,49.79289,3.219039,16.89091,16.86921,15.08247,35.53085,3.625588,1.602259,0.2370912,407.4979,570.8168,1161.131,783.6125,710.6481,960.9374,742.2943,566.6204,261.7709,399.1291,301.1411,114.2079,52.08333,35.41666,87.23958,39.58333,36.97916,
50.78125,50.92593,51.21528,50.63657,46.00694,409.1435,121.5278,
401.9097,324.6528,
21,
3,
303.44424295107706,
320.57519567698836,
0.0,
1161.131
]]
}
```

Responses

```
Curl
curl -X 'POST' \
  'http://127.0.0.1:8000/predict' \
  -H 'Accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "features": [[17155,
0.0,
53.34201,
52.82118,43.402774810790994,202.526031494141,49.79289,3.219039,16.89091,16.86921,15.08247,35.53085,3.625588,1.602259,0.2370912,407.4979,570.8168,1161.131,783.6125,710.6481,960.9374,742.2943,566.6204,261.7709,399.1291,301.1411,114.2079,52.08333,35.41666,87.23958,39.58333,36.97916,
50.78125,50.92593,51.21528,50.63657,46.00694,409.1435,121.5278,
401.9097,324.6528,
21,
3,
303.44424295107706,
320.57519567698836,
0.0,
1161.131
]]
}'
```

Request URL

http://127.0.0.1:8000/predict

Server response

Code	Details
200	<div>Response body</div> <pre>{ "prediction": ["NORMAL"] }</pre> <div>Download</div>