ML Model API [1.0] [OAS 3.1]

/openapi.json

API for ML Model Predictions

default   ⌃

| GET | / Home | ⌄ |

| POST | **/predict** Make Prediction | ⌃ |

Receives input JSON and returns the model prediction.

Parameters   [Cancel] [Reset]

No parameters

Request body required   [application/json]

```
{
  "MedInc": 5.6,
  "HouseAge": 15,
  "AveRooms": 6,
  "AveBedrms": 1,
  "Population": 1500,
  "AveOccup": 3,
  "Latitude": 34.2,
  "Longitude": -118.5
}
```

| Execute | Clear |

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/predict' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
  "MedInc": 5.6,
  "HouseAge": 15,
  "AveRooms": 6,
  "AveBedrms": 1,
  "Population": 1500,
  "AveOccup": 3,
  "Latitude": 34.2,
  "Longitude": -118.5
}
'
```

Request URL

```
http://127.0.0.1:8000/predict
```

Server response

Code	Details
200	**Response body**
	```{ "prediction": 2.7022497712366924 }```

Download

Code	Details

Response headers

```
content-length: 33
content-type: application/json
date: Sat,08 Mar 2025 01:19:32 GMT
server: uvicorn
```

Responses

Code	Description	Links
200	Successful Response	No links

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
"string"
```

Code	Description	Links
422	Validation Error	No links

Media type

application/json

Example Value   Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

Schemas   ⌃

HTTPValidationError ›   Expand all   `object`

InputData ›   Expand all   `object`

ValidationError ›   Expand all   `object`