

Payroll Anomaly Detection API 1.0 OAS 3.1

</openapi.json>

Real-time payroll anomaly detection using Isolation Forest

default



POST

</predict> Predict Anomaly

Parameters

[Cancel](#)

Name

Description

base_pay * required

number

(query)

100000

overtime_pay * required

number

(query)

200000

total_pay * required

number

(query)

300000

[Execute](#)[Clear](#)

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/predict?base_pay=100000&overtime_pay=200000&total_pay=300000' \
  -H 'accept: application/json' \
  -d ''
```

Request URL

http://127.0.0.1:8000/predict?base_pay=100000&overtime_pay=200000&total_pay=300000

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "anomaly_flag": 1, "anomaly_score": -0.132580285935484, "risk_level": "HIGH RISK"}</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-length: 78 content-type: application/json date: Fri,02 Jan 2026 07:53:15 GMT server: uvicorn</pre></div></div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type<div>application/json</div>Controls Accept header.</div> <div>Example Value Schema</div> <div>"string"</div>	No links
422	<div>Validation Error</div> <div>Media type<div>application/json</div></div> <div>Example Value Schema</div> <div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre></div>	No links

GET / Root



Schemas



HTTPValidationError > Expand all **object**

ValidationError > Expand all **object**