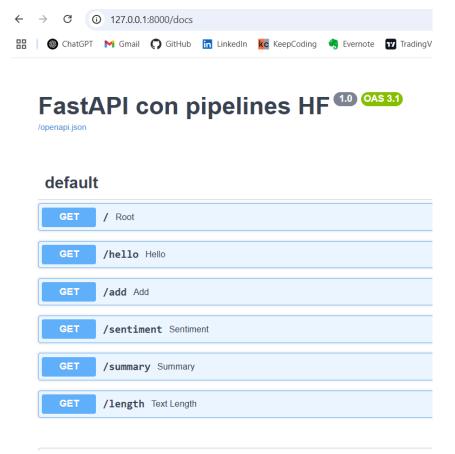
# Proyecto MLOps: Parte FastAPI

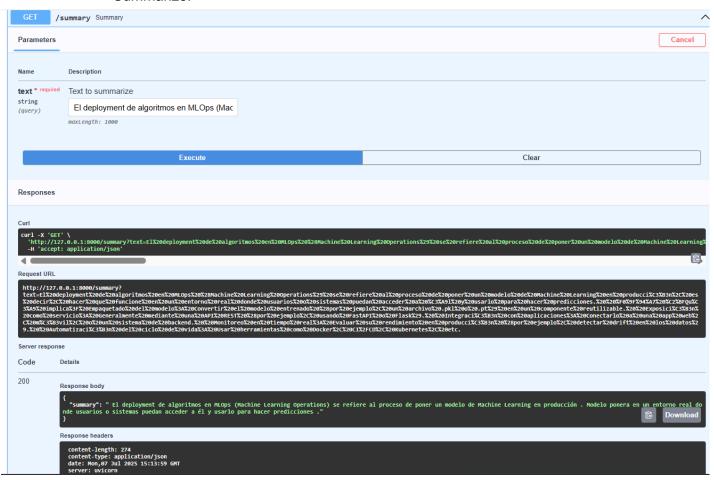
1. Instalacion de dependencias desde el shell:

```
Section of the time of the control o
```

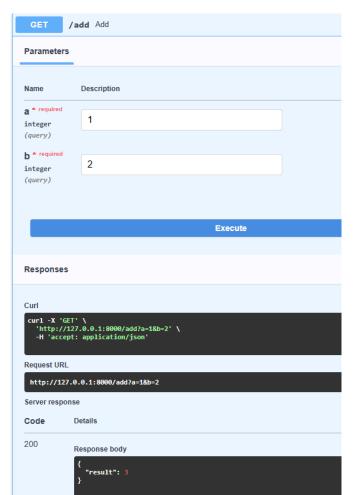
2. Visualizacion de Endpoints desde web:



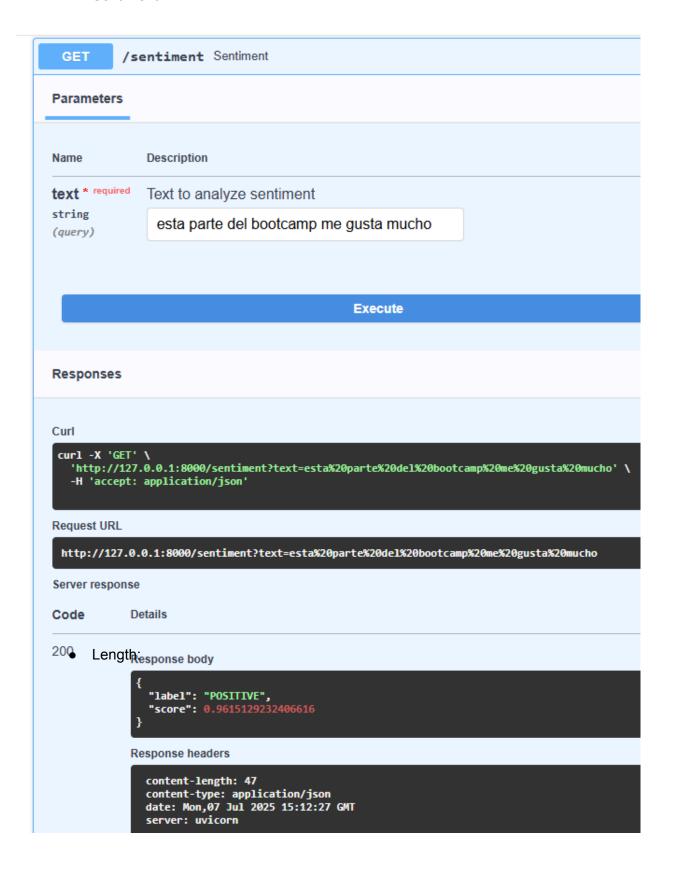
### • Summarize:



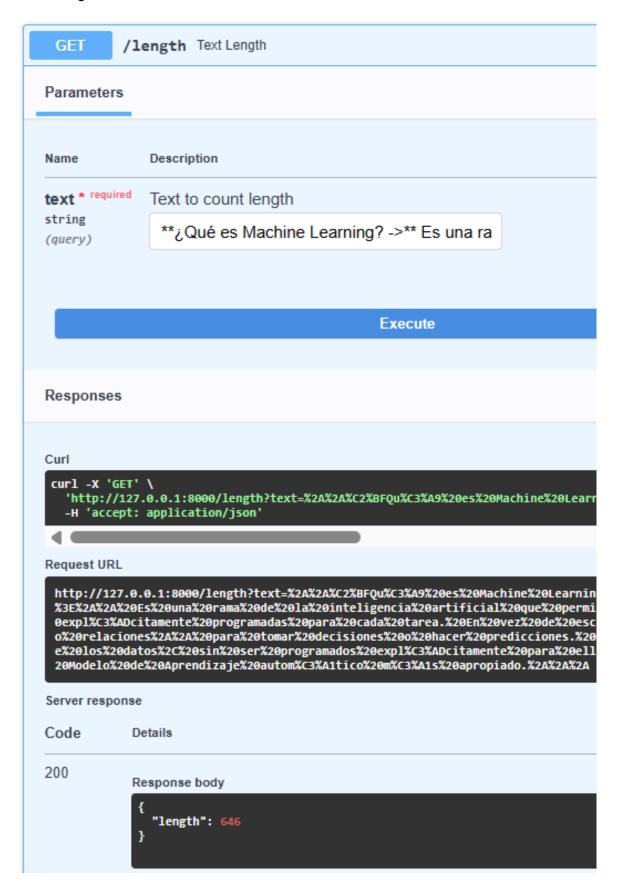
Add:



• Sentiment:



Length:



#### WINE MODEL:

## Wine Classifier API 10 OAS 3.1

/openapi.json

Predict wine class from chemical features

### default

```
GET / Read Root

POST /predict Predict
```

```
Responses
Curl
 curl -X 'GET' \
   'http://127.0.0.1:8000/' \
   -H 'accept: application/json'
Request URL
 http://127.0.0.1:8000/
Server response
             Details
Code
200
             Response body
                 "message": "Welcome to the Wine Classifier API "
             Response headers
                content-length: 49
                content-type: application/json
                date: Mon,07 Jul 2025 15:48:24 GMT server: uvicorn
Doenonene
```

```
INFO: Waiting for application startup.
INFO: Application startup complete.
INFO: 127.0.0.1:61458 - "GET /docs HTTP/1.1" 200 OK
INFO: 127.0.0.1:61458 - "GET /openapi.json HTTP/1.1" 200 OK
INFO: 127.0.0.1:61551 - "POST /predict HTTP/1.1" 200 OK
INFO: 127.0.0.1:61630 - "POST /predict HTTP/1.1" 200 OK
```

### • Clase 1 y clase 2:

```
Request body required
Edit Value | Schema
  {
    "alcohol": 1,
    "malic_acid": 2,
    ". 3,
         "ash": 3,
"alcalinity_of_ash": 4,
"magnesium": 5,
"total_phenols": 0,
        "flavanoids": 8,
"nonflavanoid phenols": 0,
"proanthocyanins": 1,
"color_intensity": 1,
"hue": 1
         "hue": 1,
"od280_od315_of_diluted_wines": 0,
         "proline": 0
                                                                                                                   Execute
Responses
Curl
  curl -X 'POST' \
  'http://127.8.8.1:8800/predict' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "alcohol": 1,
    "malic_acid": 2,
    "ach": 3.
      "malic_acid": 2,

"ash": 3,

"alcalinity_of_ash": 4,

"magnesium": 5,

"total_phenols": 0,

"flavanoids": 8,

"nonflavanoid phenols": 0,

"proanthocyanins": 1,

"color_intensity": 1,

"hue": 1,

"od280_od315_of_diluted_wines": 0,

"proline": 0
Request URL
  http://127.0.0.1:8000/predict
Server response
Code
200
                              Response body
                                     "predicted_class": "class_1"
                              Response headers
                                   content-length: 29
content-type: application/json
date: Mon,07 Jul 2025 15:35:32 GMT
server: uvicorn
```

```
{
    "alcohol": 14,
    "malic_acid": 0,
    "ash": 0,
   "alcalinity_of_ash": 0, 
"magnesium": 0,
   "total_phenols": 0,
    "flavanoids": 0,
   "nonflavanoid phenols": 0,
    "proanthocyanins": 0,
   "color_intensity": 14,
"hue": 0,
    "od280_od315_of_diluted_wines": 0,
    "proline": 0
                                                           Execu
Responses
Curl
 curl -X 'POST' \
   'http://127.0.0.1:8000/predict' \
   -H 'accept: application/json' \
-H 'Content-Type: application/json' \
   -d '{
   "alcohol": 14,
   "malic_acid": 0,
  "ash": 0,
   "alcalinity_of_ash": 0,
   "magnesium": 0,
"total_phenols": 0,
   "flavanoids": 0,
"nonflavanoid_phenols": 0,
"proanthocyanins": 0,
   "color_intensity": 14,
   "hue": 0,
"od280_od315_of_diluted_wines": 0,
   "proline": 0
Request URL
 http://127.0.0.1:8000/predict
Server response
Code
               Details
200
               Response body
                   "predicted_class": "class_2"
```