Final Output: API Endpoint Details for Testing, which fits best under the **API Deployment** section

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Final Output: API Endpoint Details for Testing

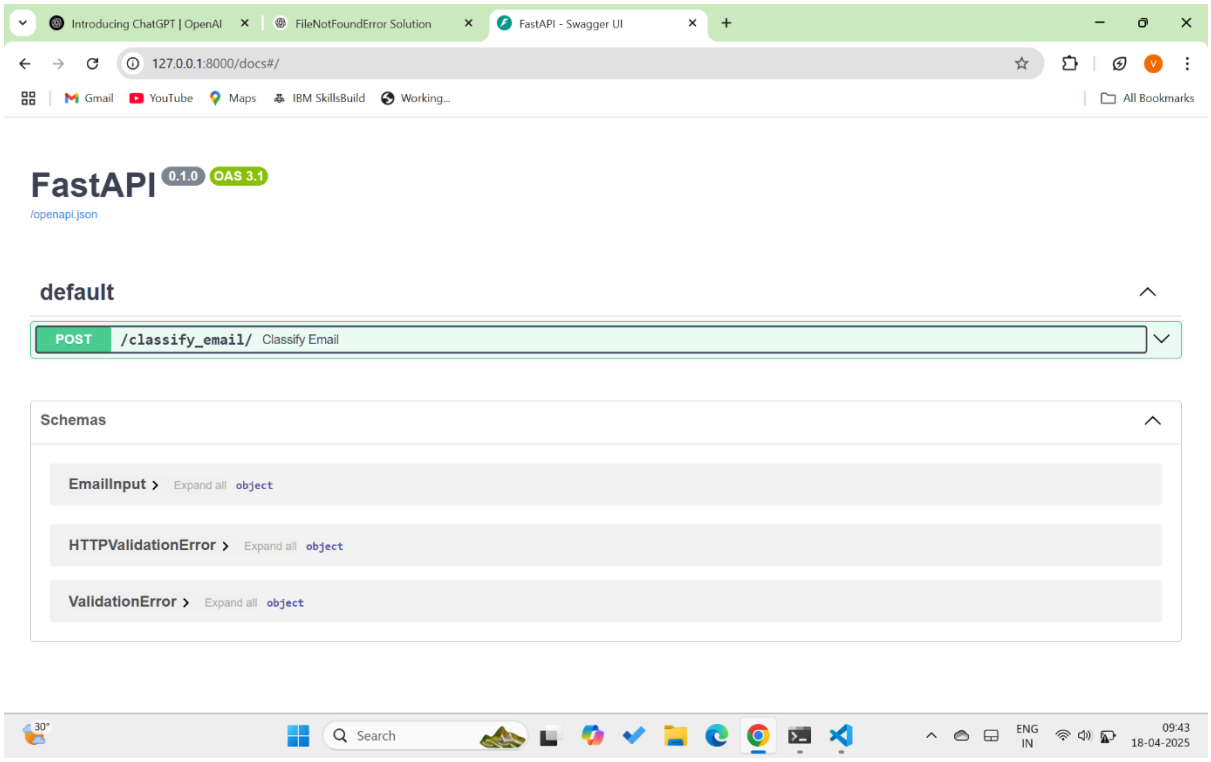
- **Base URL (Local):** http://127.0.0.1:8000
- **Documentation:** http://127.0.0.1:8000/docs
- **Endpoint:** /classify_email/
- **Method:** POST
- **Headers:**
    - Content-Type: application/json
- **Sample Request Body:**

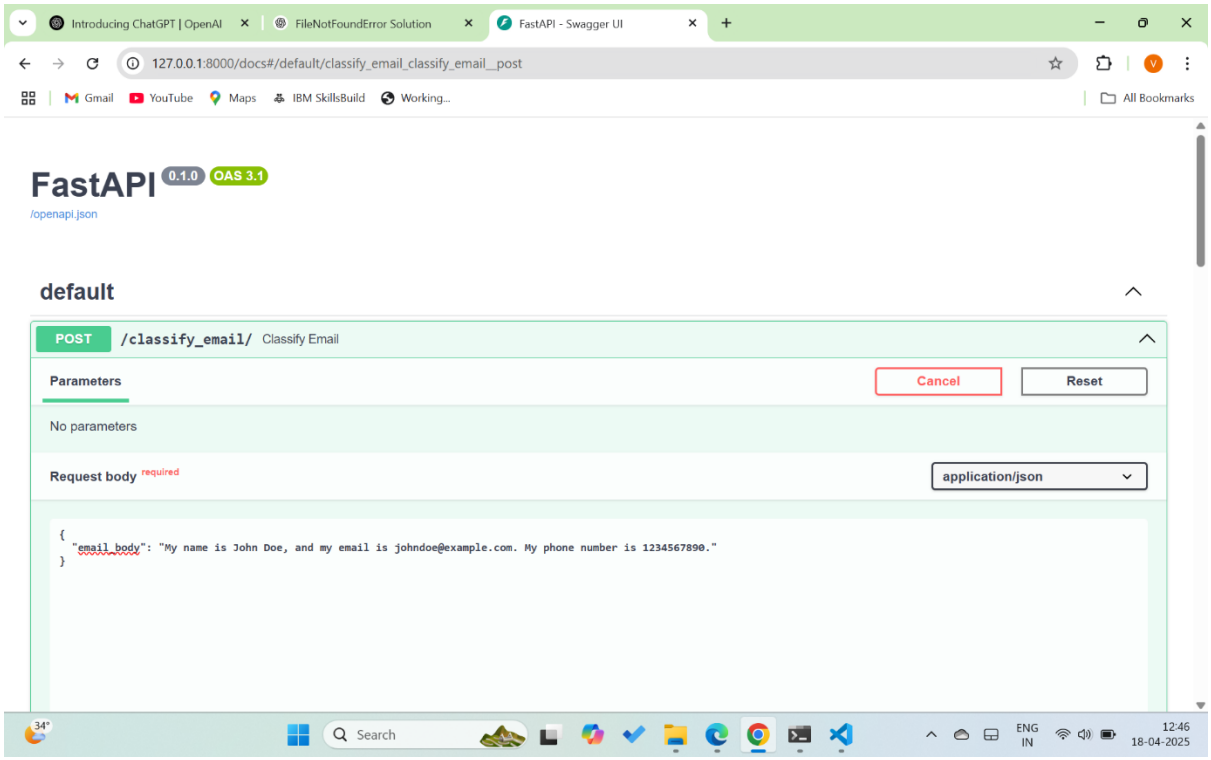

```
{
  "email_body": "Hello, I am Jane Doe. My email is jane.doe@example.com and my phone number is 9876543210. I need help with billing."
}
```


- **Expected Response Format:**


```
{
  "input_email_body": "Hello, I am Jane Doe. My email is jane.doe@example.com and my phone number is 9876543210. I need help with billing.",
  "list_of_masked_entities": [
    {
      "position": [14, 22],
      "classification": "full_name",
      "entity": "Jane Doe"
    },
    {
      "position": [40, 60],
      "classification": "email",
      "entity": "jane.doe@example.com"
    },
    {
      "position": [84, 94],
      "classification": "phone_number",
```

```
    "entity": "9876543210"
  }
 ],
 "masked_email": "Hello, I am [full_name]. My email is [email] and my phone number is [phone_number]. I need help with billing.",
 "category_of_the_email": "Billing Issues"
}
```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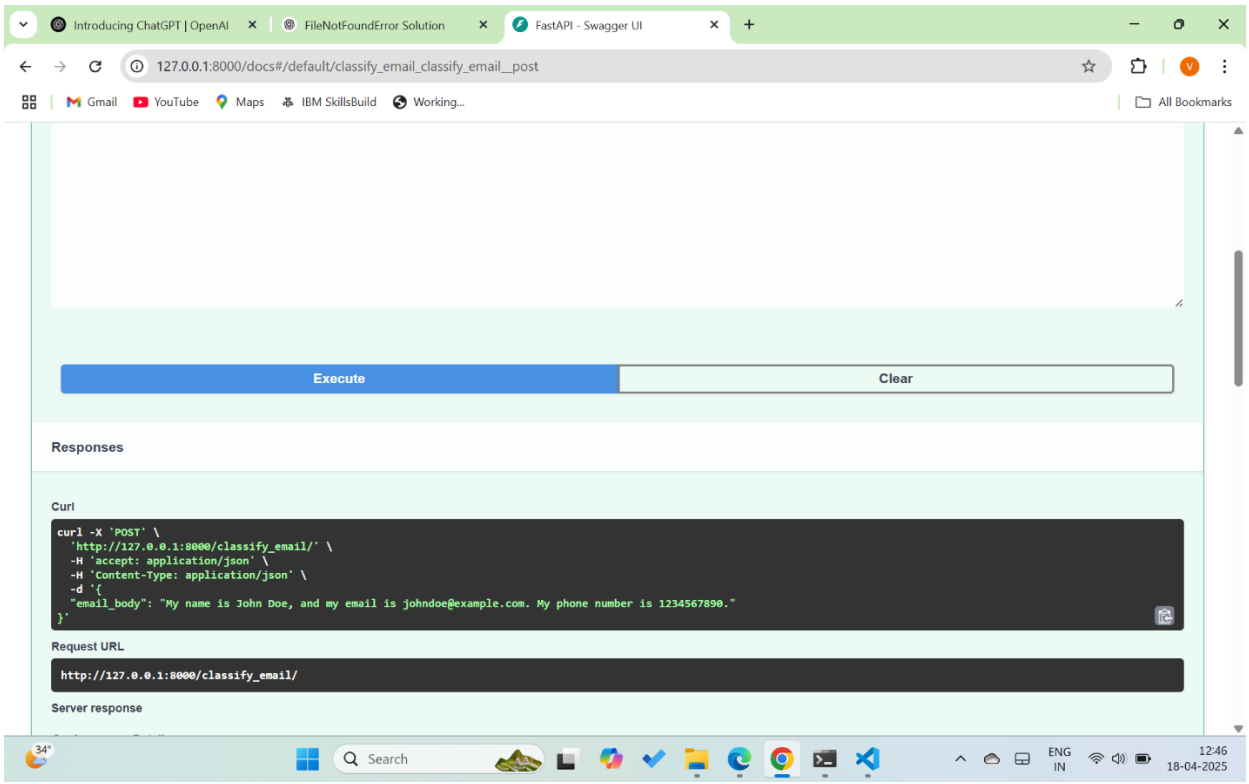
FastAPI - Swagger UI
127.0.0.1:8000/docs#/default/classify_email_classify_email__post
Gmail
YouTube
Maps
IBM SkillsBuild
Working...
All Bookmarks
FastAPI
0.1.0
OAS 3.1
/openapi.json
default
POST
/classify_email/
Classify Email
Parameters
Cancel
Reset
No parameters
Request body
required
application/json
{
"email_body": "My name is John Doe, and my email is johndoe@example.com. My phone number is 1234567890."
}
Search
ENG
IN
12:46
18-04-2025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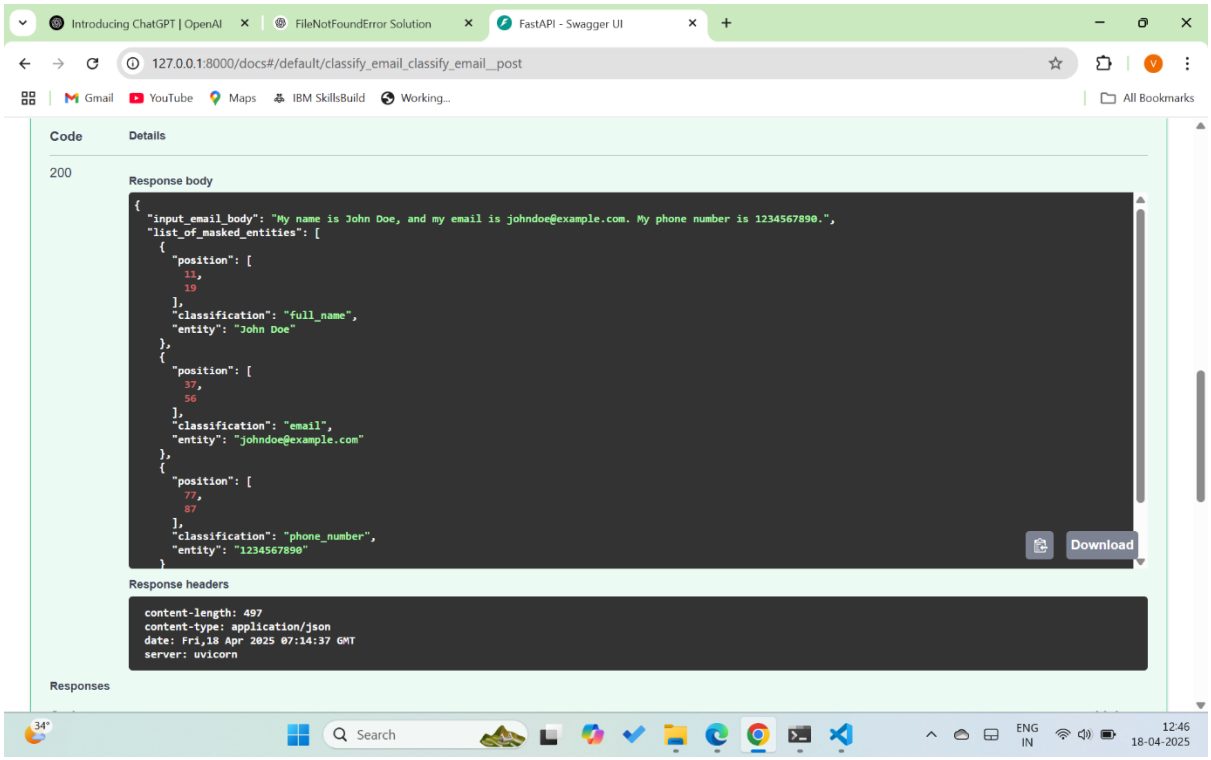
127.0.0.1:8000/docs#/default/classify_email_classify_email__post
Gmail
YouTube
Maps
IBM SkillsBuild
Working...
All Bookmarks
Execute
Clear
Responses
Curl
curl -X 'POST' \
'http://127.0.0.1:8000/classify_email/' \
-H 'accept: application/json' \
-H 'Content-Type: application/json' \
-d '{
"email_body": "My name is John Doe, and my email is johndoe@example.com. My phone number is 1234567890."
}'
Request URL
http://127.0.0.1:8000/classify_email/
Server response
Search
ENG
IN
12:46
18-04-2025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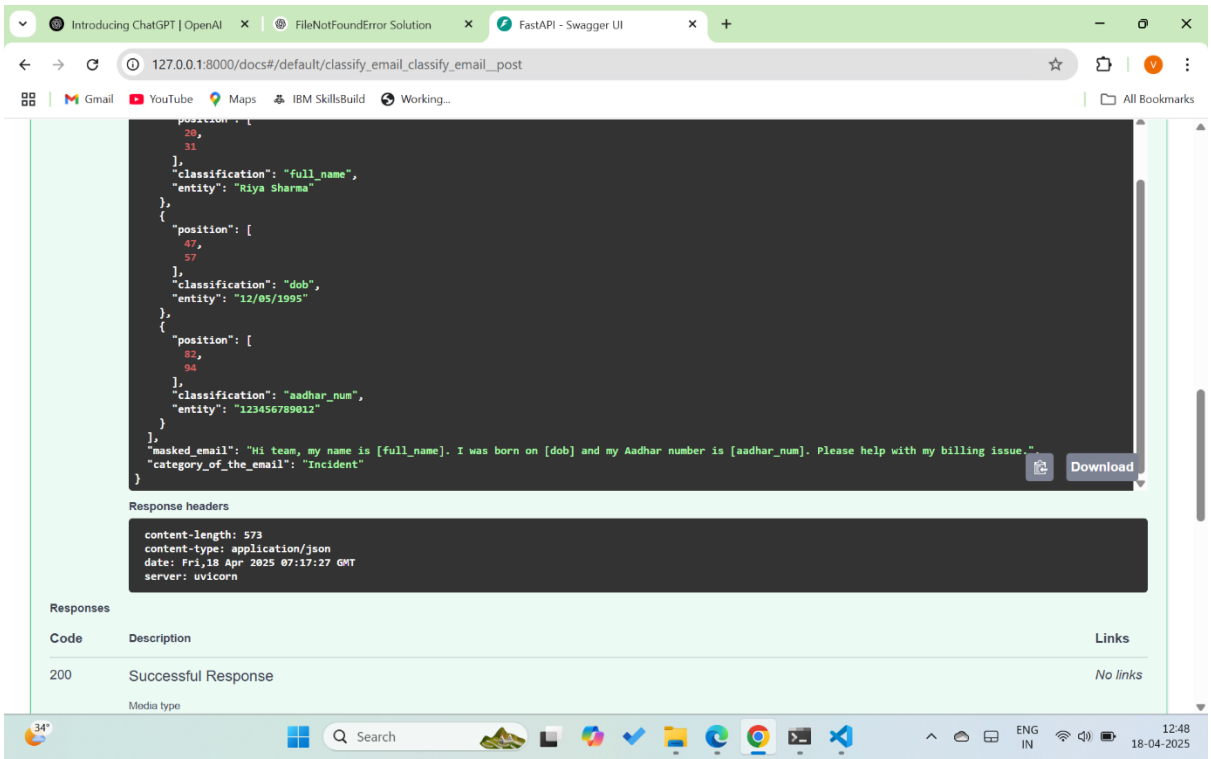
FastAPI - Swagger UI
127.0.0.1:8000/docs#/default/classify_email_classify_email__post
Gmail
YouTube
Maps
IBM SkillsBuild
Working...
All Bookmarks
Code
Details
200
Response body
{
"input_email_body": "My name is John Doe, and my email is johndoe@example.com. My phone number is 1234567890.",
"list_of_masked_entities": [
{
"position": [
11,
19
],
"classification": "full_name",
"entity": "John Doe"
},
{
"position": [
37,
56
],
"classification": "email",
"entity": "johndoe@example.com"
},
{
"position": [
77,
87
],
"classification": "phone_number",
"entity": "1234567890"
}
Download
Response headers
content-length: 497
content-type: application/json
date: Fri,18 Apr 2025 07:14:37 GMT
server: uvicorn
Responses
Search
ENG
IN
12:46
18-04-2025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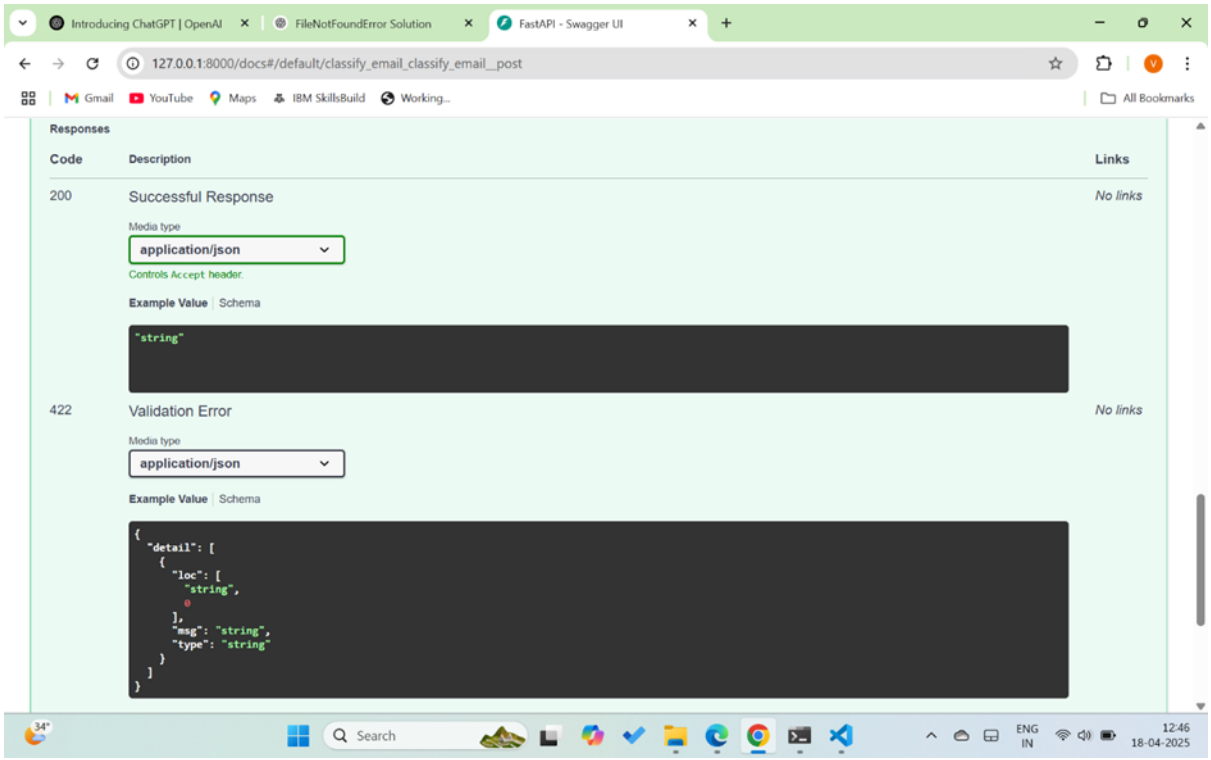
127.0.0.1:8000/docs#/default/classify_email_classify_email__post
Gmail
YouTube
Maps
IBM SkillsBuild
Working...
All Bookmarks
20,
31
],
"classification": "full_name",
"entity": "Riya Sharma"
},
{
"position": [
47,
57
],
"classification": "dob",
"entity": "12/05/1995"
},
{
"position": [
82,
94
],
"classification": "aadhar_num",
"entity": "123456789012"
}
],
"masked_email": "Hi team, my name is [full_name]. I was born on [dob] and my Aadhar number is [aadhar_num]. Please help with my billing issue.",
"category_of_the_email": "Incident"
}
Download
Response headers
content-length: 573
content-type: application/json
date: Fri,18 Apr 2025 07:17:27 GMT
server: uvicorn
Responses
Code
Description
Links
200
Successful Response
No links
Media type
Search
ENG
IN
12:48
18-04-2025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127.0.0.1:8000/docs#/default/classify_email_classify_email__post
Gmail
YouTube
Maps
IBM SkillsBuild
Working...
All Bookmarks
Responses
Code
Description
Links
200
Successful Response
No links
Media type
application/json
Controls Accept header.
Example Value | Schema
"string"
422
Validation Error
No links
Media type
application/json
Example Value | Schema
{
"detail": [
{
"loc": [
"string",
0
],
"msg": "string",
"type": "string"
}
]
}
Search
ENG
IN
12:46
18-04-2025