# MyAssistant: API Documentation

## Signup and Auth

### /api/signup/

Method: POST

Authorization: No Auth

Description: New user registration.

#### Request Body:

email: string

fullname: string

***Code example:***

python """

import requests

import json

url = "http://127.0.0.1:8001/api/signup/"

payload = json.dumps({

"email": "test@gmail.com",

"fullname": "Test User"

})

headers = {

'Content-Type': 'application/json',

'Cookie': 'csrftoken=4zRTHLsvDdCH9Oa1cAdfeMy2q95hHZzE'

}

response = requests.request("POST", url, headers=headers, data=payload)

print(response.text)

"""

### /api/auth/

Method: POST

Authorization: No Auth

Description: User Authentication.

#### Request Body:

client\_id: string

client\_secret: string

***Code example:***

python """

import requests

import json

url = "http://127.0.0.1:8001/api/auth/"

payload = json.dumps({

"client\_id": "kjIXcDuAlANGxh2ooJgSpuTfXpOQCALnYctBCbb9",

"client\_secret": "OvjKzDBqFzkBQpNWm4NGpPDyDk5U7WR0vt3LwYlemZLbLICG7A9XS3tOPSWYA3QzM8rqvHV5rFmDMJa8SdVeGJbYrbsvapApGexiULrxXfiIeSuA9k9QgC0pxORe7KQr"

})

headers = {

'Content-Type': 'application/json',

'Cookie': 'csrftoken=4zRTHLsvDdCH9Oa1cAdfeMy2q95hHZzE'

}

response = requests.request("POST", url, headers=headers, data=payload)

print(response.text)

“”

## Clustering

### /api/clustering/

Method: POST

Authorization: Bearer Token

Description: Data clustering.

#### Request Body:

data: [{'choosen': 'integer'}]

n\_clusters: integer

***Code example:***

python """

import requests

import json

url = "http://127.0.0.1:8001/api/clustering/"

payload = json.dumps({

"data": [

{

"choosen": 20

},

{

"choosen": 25

},

{

"choosen": 100

},

{

"choosen": 1000

},

{

"choosen": 4000

},

{

"choosen": 10

}

],

"n\_clusters": 2

})

headers = {

'Content-Type': 'application/json',

'Authorization': '••••••',

'Cookie': 'csrftoken=4zRTHLsvDdCH9Oa1cAdfeMy2q95hHZzE'

}

response = requests.request("POST", url, headers=headers, data=payload)

print(response.text)

"""

## Calculate

### /api/calculate/fit/

Method: POST

Authorization: Bearer Token

Description: Model training.

#### Request Body:

data: [['float']]

model\_type: string

***Code example:***

python """

import requests

import json

url = "http://127.0.0.1:8001/api/calculate/fit/"

payload = json.dumps({

"data": [

[

1,

2,

3

],

[

2,

7,

9

],

[

100,

3,

103

],

[

100,

0,

100

],

[

1,

2,

3

]

],

"model\_type": "LINEAR"

})

headers = {

'Content-Type': 'application/json',

'Authorization': '••••••',

'Cookie': 'csrftoken=4zRTHLsvDdCH9Oa1cAdfeMy2q95hHZzE'

}

response = requests.request("POST", url, headers=headers, data=payload)

print(response.text)

“””

### /api/calculate/predict/

Method: POST

Authorization: Bearer Token

Description: Data Forecasting.

#### Request Body:

data: [['float']]

***Code example:***

python """

import requests

import json

url = "http://127.0.0.1:8001/api/calculate/predict/"

payload = json.dumps({

"data": [

[

1,

2

],

[

2,

7

],

[

100,

3

],

[

100,

0

],

[

1,

8

]

]

})

headers = {

'Content-Type': 'application/json',

'Authorization': '••••••',

'Cookie': 'csrftoken=4zRTHLsvDdCH9Oa1cAdfeMy2q95hHZzE'

}

response = requests.request("POST", url, headers=headers, data=payload)

print(response.text)

“””

## LangModel

### /api/lm/list/

Method: GET

Authorization: Bearer Token

Description: Getting the list of LM models.

python """

import requests

url = "http://127.0.0.1:8001/api/lm/list/"

payload = {}

headers = {

'Authorization': '••••••',

'Cookie': 'csrftoken=4zRTHLsvDdCH9Oa1cAdfeMy2q95hHZzE'

}

response = requests.request("GET", url, headers=headers, data=payload)

print(response.text)

“””

### /api/lm/train/

Method: POST

Authorization: Bearer Token

Description: Language model training.

#### Request Body:

data: [{'income': 'string', 'outcome': 'string'}]

***Code example:***

python """

import requests

import json

url = "http://127.0.0.1:8001/api/lm/train/"

payload = json.dumps({

"data": [

{

"income": "...",

"outcome": "..."

},

{

},

{

},

{

},

{

}

]

})

headers = {

'Content-Type': 'application/json',

'Authorization': '••••••',

'Cookie': 'csrftoken=4zRTHLsvDdCH9Oa1cAdfeMy2q95hHZzE'

}

response = requests.request("POST", url, headers=headers, data=payload)

print(response.text)

“””

### /api/lm/generate/

Method: POST

Authorization: Bearer Token

Description: Receiving a response from LM.

#### Request Body:

income: ‘string’

***Code example:***

python """

import requests

import json

url = "http://127.0.0.1:8001/api/lm/generate/"

payload = json.dumps({

"income": "Hello"

})

headers = {

'Content-Type': 'application/json',

'Authorization': '••••••',

'Cookie': 'csrftoken=4zRTHLsvDdCH9Oa1cAdfeMy2q95hHZzE'

}

response = requests.request("POST", url, headers=headers, data=payload)

print(response.text)

“””

POSTMAN COLLECTION: **https://cloudy-resonance-118741.postman.co/workspace/My-Workspace~ac8b7820-cd70-4edd-8b9a-7c7cd6670000/collection/21951005-bb89c571-2493-4bc7-b4c0-ffd570eca7e4?action=share&source=copy-link&creator=21951005**