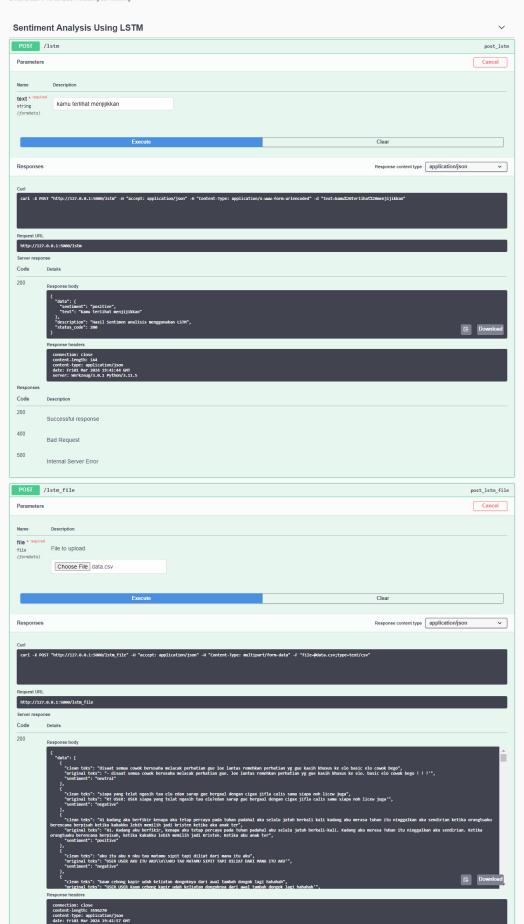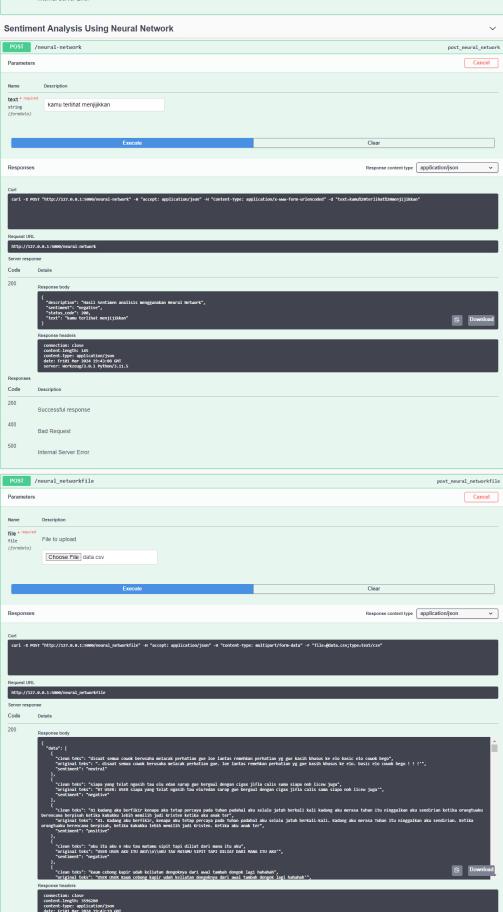# API Documentation for Data Processing and Modeling 1.0.0

[Base URL: 127.0.0.1:5000]
/api.json

Dokumentasi API untuk Data Processing dan Modeling

Sentiment Analysis Using LSTM

POST /lstm post_lstm

Parameters — Cancel

Name	Description
text * required string (formData)	kamu terlihat menjijikkan

Execute | **Clear**

Responses — Response content type `application/json`

Curl

```
curl -X POST "http://127.0.0.1:5000/lstm" -H "accept: application/json" -H "Content-Type: application/x-www-form-urlencoded" -d "text=kamu%20terlihat%20menjijikkan"
```

Request URL

```
http://127.0.0.1:5000/lstm
```

Server response

Code	Details
200	**Response body**

```
{
  "data": {
    "sentiment": "positive",
    "text": "kamu terlihat menjijikkan"
  },
  "description": "Hasil Sentimen analisis menggunakan LSTM",
  "status_code": 200
}
```

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Response headers

```
connection: close
content-length: 144
content-type: application/json
date: Fri01 Mar 2024 19:41:44 GMT
server: Werkzeug/3.0.1 Python/3.11.5
```

Responses

Code	Description
200	Successful response
400	Bad Request
500	Internal Server Error

POST /lstm_file post_lstm_file

Parameters — Cancel

Name	Description
file * required file (formData)	File to upload Choose File data.csv

Execute | **Clear**

Responses — Response content type `application/json`

Curl

```
curl -X POST "http://127.0.0.1:5000/lstm_file" -H "accept: application/json" -H "Content-Type: multipart/form-data" -F "file=@data.csv;type=text/csv"
```

Request URL

```
http://127.0.0.1:5000/lstm_file
```

Server response

Code	Details
200	**Response body**

```
{
  "data": [
    {
      "clean teks": "disaat semua cowok berusaha melacak perhatian gue loe lantas remehkan perhatian yg gue kasih khusus ke elo basic elo cowok bego",
      "original teks": "- disaat semua cowok berusaha melacak perhatian gue. loe lantas remehkan perhatian yg gue kasih khusus ke elo. basic elo cowok bego ! ! !'",
      "sentiment": "neutral"
    },
    {
      "clean teks": "siapa yang telat ngasih tau elu edan sarap gue bergaul dengan cigax jifla calis sama siapa noh licew juga",
      "original teks": "RT USER: USER siapa yang telat ngasih tau elu?edan sarap gue bergaul dengan cigax jifla calis sama siapa noh licew juga'",
      "sentiment": "negative"
    },
    {
      "clean teks": "41 kadang aku berfikir kenapa aku tetap percaya pada tuhan padahal aku selalu jatuh berkali kali kadang aku merasa tuhan itu ninggalkan aku sendirian ketika orangtuaku berencana berpisah ketika kakakku lebih memilih jadi kristen ketika aku anak ter",
      "original teks": "41. Kadang aku berfikir, kenapa aku tetap percaya pada Tuhan padahal aku selalu jatuh berkali-kali. Kadang aku merasa Tuhan itu ninggalkan aku sendirian. Ketika orangtuaku berencana berpisah, ketika kakakku lebih memilih jadi kristen. Ketika aku anak ter",
      "sentiment": "positive"
    },
    {
      "clean teks": "aku itu aku n nku tau matamu sipit tapi diliat dari mana itu aku",
      "original teks": "USER USER AKU ITU AKU\\n\\nKU TAU MATAMU SIPIT TAPI DILIAT DARI MANA ITU AKU'",
      "sentiment": "negative"
    },
    {
      "clean teks": "kaum cebong kapir udah keliatan dongoknya dari awal tambah dongok lagi hahahah",
      "original teks": "USER USER Kaum cebong kapir udah keliatan dongoknya dari awal tambah dongok lagi hahahah'",
```

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Response headers

```
connection: close
content-length: 3596270
content-type: application/json
date: Fri01 Mar 2024 19:41:57 GMT
server: Werkzeug/3.0.1 Python/3.11.5
```

Responses

Code   Description

200
        Successful response

400
        Bad Request

500
        Internal Server Error

Sentiment Analysis Using Neural Network   ⌄

POST `/neural-network`   post_neural_network

Parameters   Cancel

Name   Description

text * required
string | kamu terlihat menjijikkan |
(formData)

| Execute | Clear |

Responses   Response content type application/json ⌄

Curl

```
curl -X POST "http://127.0.0.1:5000/neural-network" -H "accept: application/json" -H "Content-Type: application/x-www-form-urlencoded" -d "text=kamu%20terlihat%20menjijikkan"
```

Request URL

```
http://127.0.0.1:5000/neural-network
```

Server response

Code   Details

200
        Response body

```
{
  "description": "Hasil Sentimen analisis menggunakan Neural Network",
  "sentiment": "negative",
  "status_code": 200,
  "text": "kamu terlihat menjijikkan"
}
```
                                                            📋   Download

        Response headers

```
connection: close
content-length: 145
content-type: application/json
date: Fri01 Mar 2024 19:43:08 GMT
server: Werkzeug/3.0.1 Python/3.11.5
```

Responses

Code   Description

200
        Successful response

400
        Bad Request

500
        Internal Server Error

POST `/neural_networkfile`   post_neural_networkfile

Parameters   Cancel

Name   Description

file * required
file   File to upload
(formData)
                | Choose File data.csv |

| Execute | Clear |

Responses   Response content type application/json ⌄

Curl

```
curl -X POST "http://127.0.0.1:5000/neural_networkfile" -H "accept: application/json" -H "Content-Type: multipart/form-data" -F "file=@data.csv;type=text/csv"
```

Request URL

```
http://127.0.0.1:5000/neural_networkfile
```

Server response

Code   Details

200
        Response body

```
{
  "data": [
    {
      "clean teks": "disaat semua cowok berusaha melacak perhatian gue loe lantas remehkan perhatian yg gue kasih khusus ke elo basic elo cowok bego",
      "original teks": "- disaat semua cowok berusaha melacak perhatian gue. loe lantas remehkan perhatian yg gue kasih khusus ke elo. basic elo cowok bego ! ! !",
      "sentiment": "neutral"
    },
    {
      "clean teks": "siapa yang telat ngasih tau elu edan sarap gue bergaul dengan cigax jifla calis sama siapa noh licew juga",
      "original teks": "RT USER: USER siapa yang telat ngasih tau elu?edan sarap gue bergaul dengan cigax jifla calis sama siapa noh licew juga'",
      "sentiment": "negative"
    },
    {
      "clean teks": "41 kadang aku berfikir kenapa aku tetap percaya pada tuhan padahal aku selalu jatuh berkali kali kadang aku merasa tuhan itu ninggalkan aku sendirian ketika orangtuaku berencana berpisah ketika kakakku lebih memilih jadi kristen ketika aku anak ter",
      "original teks": "41. Kadang aku berfikir, kenapa aku tetap percaya pada Tuhan padahal aku selalu jatuh berkali-kali. Kadang aku merasa Tuhan itu ninggalkan aku sendirian. Ketika orangtuaku berencana berpisah, ketika kakakku lebih memilih jadi Kristen. Ketika aku anak ter",
      "sentiment": "positive"
    },
    {
      "clean teks": "aku itu aku n nku tau matamu sipit tapi diliat dari mana itu aku",
      "original teks": "USER USER AKU ITU AKU\\n\\nKU TAU MATAMU SIPIT TAPI DILIAT DARI MANA ITU AKU'",
      "sentiment": "negative"
    },
    {
      "clean teks": "kaum cebong kapir udah keliatan dongoknya dari awal tambah dongok lagi hahahah",
      "original teks": "USER USER Kaum cebong kapir udah keliatan dongoknya dari awal tambah dongok lagi hahahah'",
```
                                                            📋   Download

        Response headers

```
connection: close
content-length: 3596280
content-type: application/json
date: Fri01 Mar 2024 19:43:19 GMT
server: Werkzeug/3.0.1 Python/3.11.5
```

Responses

Code	Description
200	Successful response
400	Bad Request
500	Internal Server Error

Responses

Code	Description
200	Successful response
400	Bad Request
500	Internal Server Error