

Overview

This API provides sentiment analysis functionality that can analyze the sentiment of a given sentence. The API uses the Text Analytics service provided by Microsoft Azure.

Usage

To use the API, you need to send a POST request to the `/sentiment` endpoint with a JSON payload containing the sentence you want to analyze. The API will then return the sentiment analysis results in JSON format.

Steps to use API in Postman

1. Open Postman and create a new request.
2. In the request URL field, enter the URL for the endpoint you want to hit, including the endpoint path `/sentiment`. For example, <http://157.230.80.79:3001/sentiment>
3. Set the HTTP method to POST.
4. In the request body tab, select raw and set the data type to JSON.
5. In the JSON body, add a sentence field with the sentence you want to analyze for sentiment. For example

Example request

```
json Copy code

{
  "sentence": "I love this product!"
}
```

Example response

```
json Copy code

{
  "input": "I love this product!",
  "sentimentResult": "positive",
  "sentimentScores": {
    "positive": 0.96,
    "negative": 0.0,
    "neutral": 0.04,
    "mixed": 0.0
  }
}
```

Request

Endpoint

POST /sentiment

Request body

The request body should be a JSON object with the following fields:

Field	Type	Required	Description
sentence	string	yes	The sentence to be analyzed for sentiment

Response



Response body

The response body is a JSON object with the following fields:

Field	Type	Description
input	string	The original sentence that was analyzed
sentimentResult	string	The sentiment of the sentence. Possible values are: "positive", "neutral", and "negative"
sentimentScores	object	An object containing the confidence scores for each sentiment category. Each score is a float value between 0 and 1. Possible keys are: "positive", "negative", and "neutral"

http://157.230.80.79:3001/sentiment

Save



POST

http://157.230.80.79:3001/sentiment

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

{

2

"sentence": "I really enjoyed the movie!"

3

}

4

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 201 ms

Size: 365 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

1

2

3

4

5

6

7

8

9

"input": "I really enjoyed the movie!",

"sentimentResult": "positive",

"sentimentScores": {

"positive": 0.99,

"neutral": 0,

"negative": 0

}

Error handling

If there is an error processing the request, the API will return an HTTP 400 status code along with an error message in the response body. Possible error messages are:

Error message	Description
Missing 'sentence' parameter	The 'sentence' parameter is missing from the request

Conclusion

This API provides sentiment analysis functionality that can analyze the sentiment of a given sentence. The API can be used by sending a POST request to the "/sentiment" endpoint with a JSON payload containing the sentence you want to analyze. The API returns the sentiment analysis results in JSON format.