

# Working with ChatGPT API

## Overview of OpenAI API

# What is OpenAI API?

- OpenAI API is also known as ChatGPT AI.
- It is an interface to the AI models like ChatGPT, GPT-3, DALL-E etc.
- It is a general-purpose API that enables the users to perform any English-language task.
- The API provides the freedom to access ChatGPT by using any programming language or no-code tools.
- The API is simple to use yet highly flexible to perform wide range of natural language tasks.



# Why to use OpenAI API?

1



## Automation

API helps in automating the tasks by directly interacting with ChatGPT. This can be useful for businesses or individuals looking to streamline their processes, saving time and effort.

2



## Integration

With the help of the API, ChatGPT can be integrated with other systems or services. This can expand the ways in which the AI can be utilized, such as embedding it into websites, mobile apps, or other software.

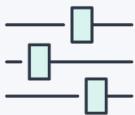
3



## Scalability

If you have a large user base or need to handle multiple requests at once, using the API allows for better scalability and more efficient handling of requests.

4



## Control

The API provides more control over input parameters like 'temperature' and 'max tokens,' allowing them to fine-tune the AI's behavior and response for specific use cases.

# Pricing of OpenAI API in comparison with ChatGPT Plus

- The ChatGPT API is a pay-per-use model.
- It is quite impressive in comparison to ChatGPT Plus.
- The ChatGPT Plus membership fees are \$20 per month, and the cost of the OpenAI API is only \$0.002 USD per 1000 tokens.
- For a normal ChatGPT user, OpenAI API is more than enough, as \$20 corresponds to 10 million tokens.
- Economically, OpenAI API is a much better option than ChatGPT Plus for most of the tasks.

# Rate Limits of OpenAI API

- OpenAI API has set rate limits for its models to prevent overloading the server.
- For OpenAI API users, the rate limit for the first 48 hours is 60 requests per minute and the generation of 60,000 tokens per minute.
- For OpenAI API users, the rate limit after 48 hours is 3500 requests per minute and the generation of 90,000 tokens per minute.
- OpenAI API will not return results if the user exceeds the rate limit.
- Also, the Open AI API may increase these rate limits in the future.

# How to get access to OpenAI API?

- Access to OpenAI API is not open to all.
- One has to sign up and join a waitlist at: <https://platform.openai.com/signup>.
- Register yourself and join the waitlist as soon as possible.
- OpenAI may allow access to the API for all in the future.

# THANK YOU!

## Any Questions?

-  [community.blockchain-council.org](https://community.blockchain-council.org)
-  [hello@blockchain-council.org](mailto:hello@blockchain-council.org)