https://openai.com/index/openai-api/

https://platform.openai.com/docs/api-reference/introduction

<https://platform.openai.com/docs/guides/fine-tuning>

**My test key**

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

pip install openai

from openai import OpenAI

client = OpenAI(

api\_key="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"

)

completion = client.chat.completions.create(

model="gpt-4o-mini",

store=True,

messages=[

{"role": "user", "content": "write a haiku about ai"}

]

)

print(completion.choices[0].message);

NOde.js

nstall the OpenAI Node SDK and execute the code below to generate a haiku for free using the gpt-4o-mini model.

npm install openai

import OpenAI from "openai";

const openai = new OpenAI({

apiKey: "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",

});

const completion = openai.chat.completions.create({

model: "gpt-4o-mini",

store: true,

messages: [

{"role": "user", "content": "write a haiku about ai"},

],

});

completion.then((result) => console.log(result.choices[0].message));

CURL OPTION

Run this curl command in a terminal to generate a haiku for free using the gpt-4o-mini model.

curl https://api.openai.com/v1/chat/completions \

-H "Content-Type: application/json" \

-H "Authorization: Bearer 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" \

-d '{

"model": "gpt-4o-mini",

"store": true,

"messages": [

{"role": "user", "content": "write a haiku about ai"}

]

}'

# **OpenAI Developer Full Course | Master API & Function Calling, Prompt Engineering, Embeddings**

<https://youtu.be/mnJJPltybBM?feature=shared>

<https://www.youtube.com/watch?v=qHPonmSX4Ms>

**The OpenAI (Python) API | Introduction & Example Code**

**<https://youtu.be/czvVibB2lRA?feature=shared>**

# **Complete OpenAI's API ChatGPT Tutorial - [Become A Prompt Engineer in 15 Minutes]**

**<https://youtu.be/NiQ_9xwS4v8?feature=shared> PLAYGROUND**

# **OpenAI API Masterclass: Platform, Models & API Explained (Part 1/5)**

**<https://youtu.be/9ZyHckE3iIo?feature=shared>**

# **Integrate OpenAI Assistants into your Web App (Tutorial)**

**<https://youtu.be/lTF43_-TjbQ?feature=shared>**

# **Spring Boot + OpenAI ChatGPT API Integration | JavaTechie**

**https://youtu.be/HlDkuFy8xRM?feature=shared**

ReferenceS

# **OpenAI Tutorial #4 - Making an Express API**

<https://youtu.be/ynyohARvZD4?feature=shared>

<https://youtu.be/C4ve8Kjw9ZY?feature=shared>

**OpenAI Assistants API – Course for Beginners**

**<https://youtu.be/qHPonmSX4Ms?feature=shared>**

# **How to integrate OpenAI GPT3 with a Databases - Crash Course**

**<https://youtu.be/N4nX_rTwKx4?feature=shared>**