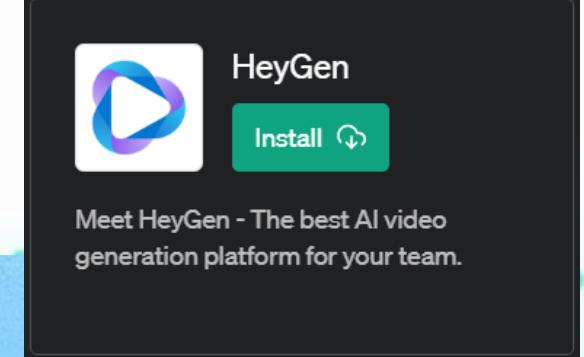
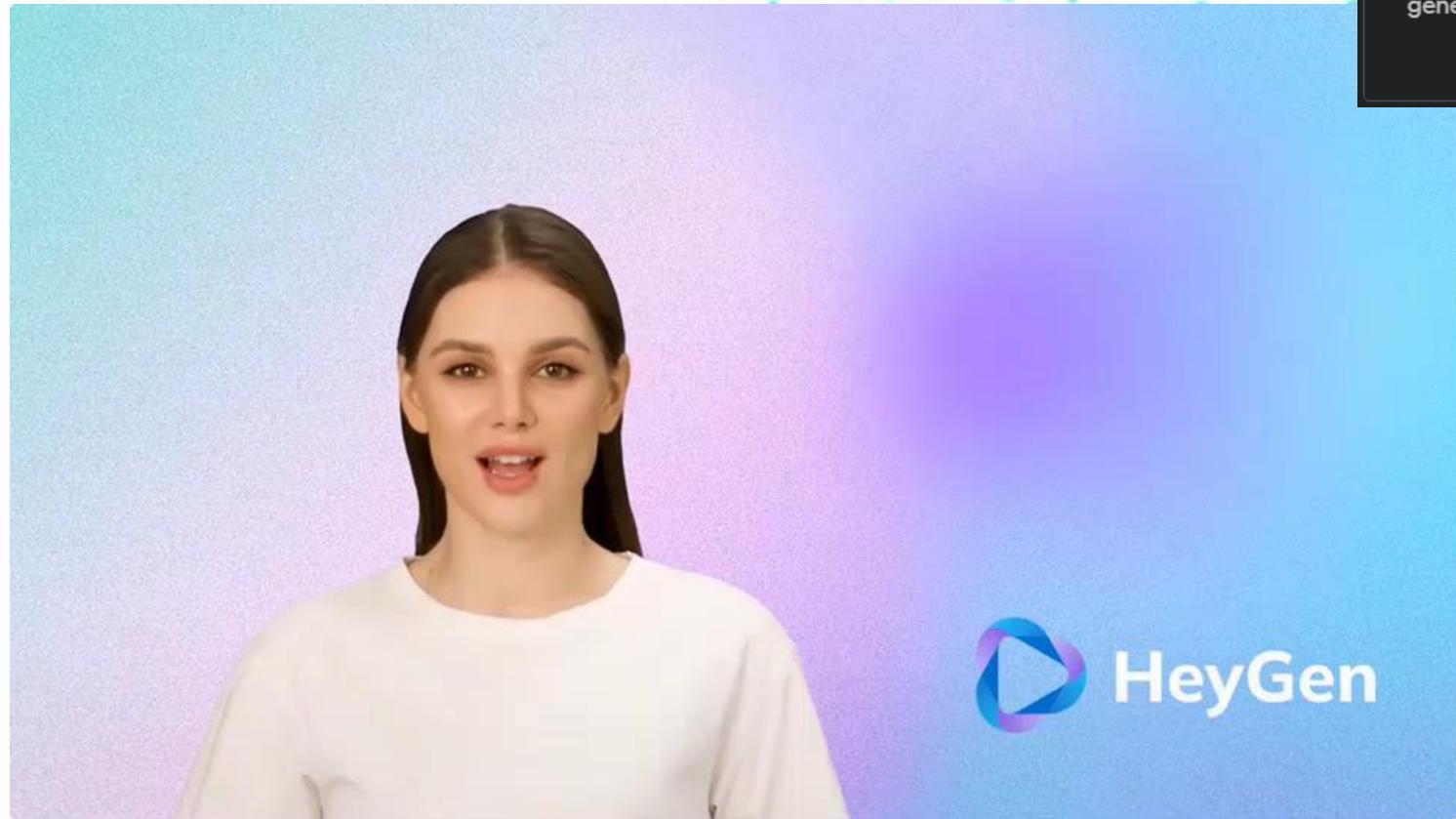


# ChatGPT Plugins by examples

Plugin store, Development, Use-Cases



Sources: [Arabic](#), [German](#), [Prompt](#)

# Table of contents

## Agenda

Introduction

ChatGPT

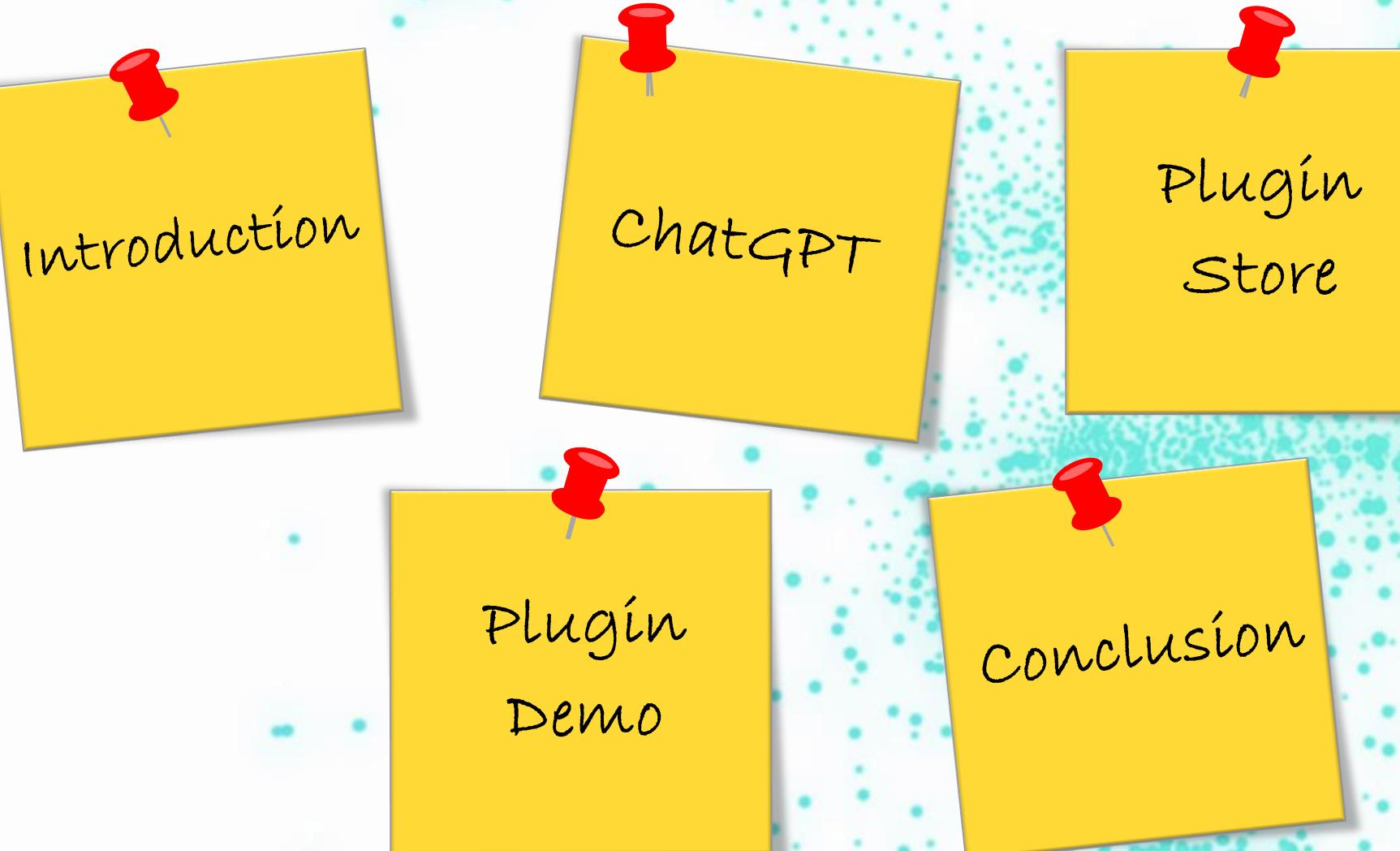
Plugin  
Store

Plugin  
Demo

Conclusion

## Table of contents

### Agenda



**Introduction**  
Hello me

SIEMENS  
**12y**



>20y



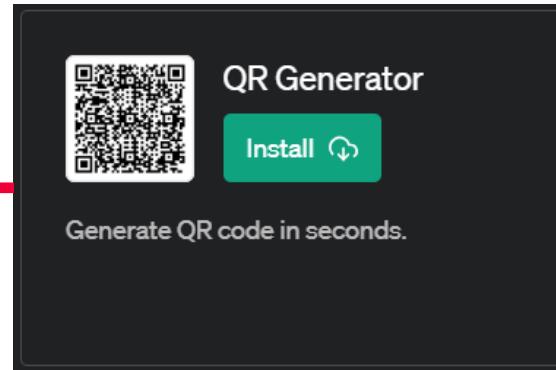
**Kids<sup>2</sup>**



**SIEMENS**

# Introduction

Hello me



SIEMENS

# Introduction Questions

?

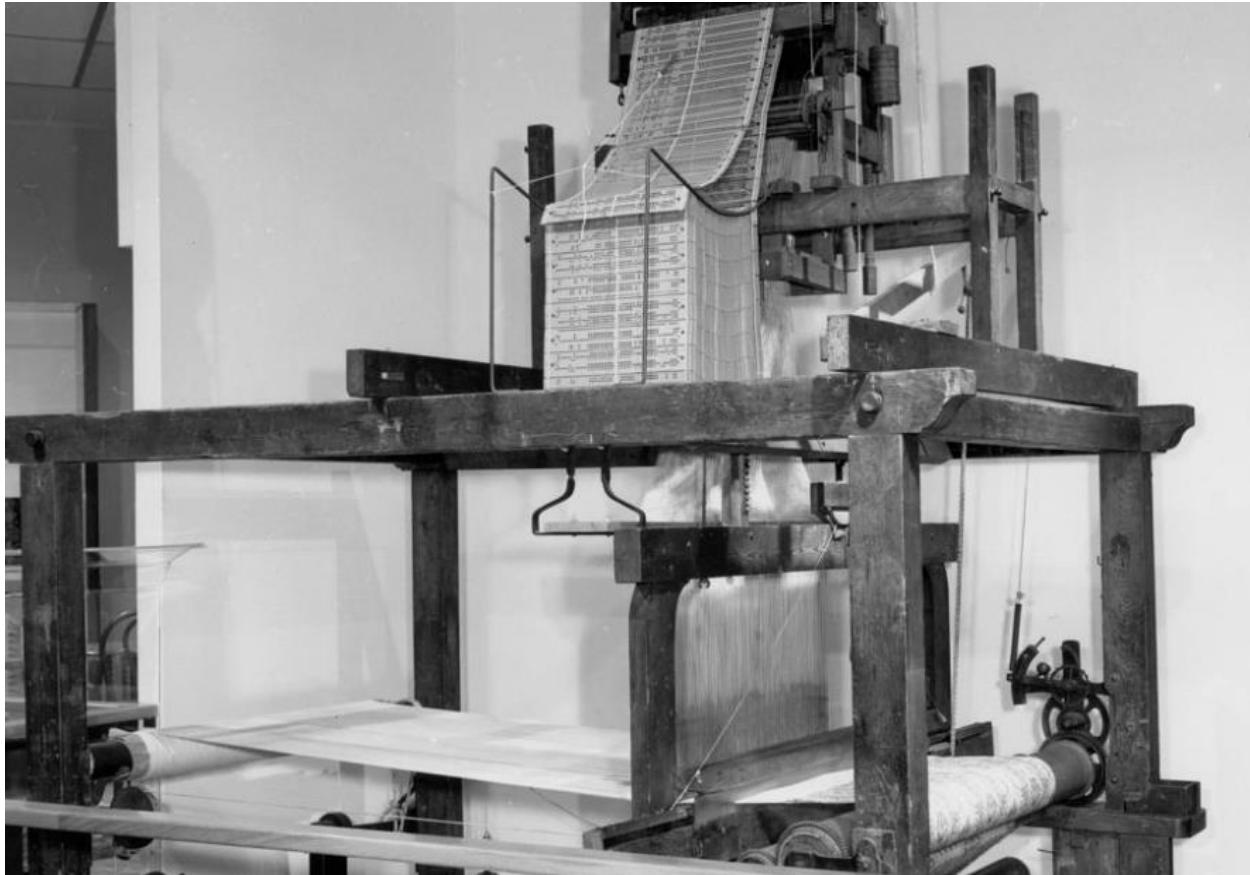
## Introduction

...

Once upon a time...

# Introduction

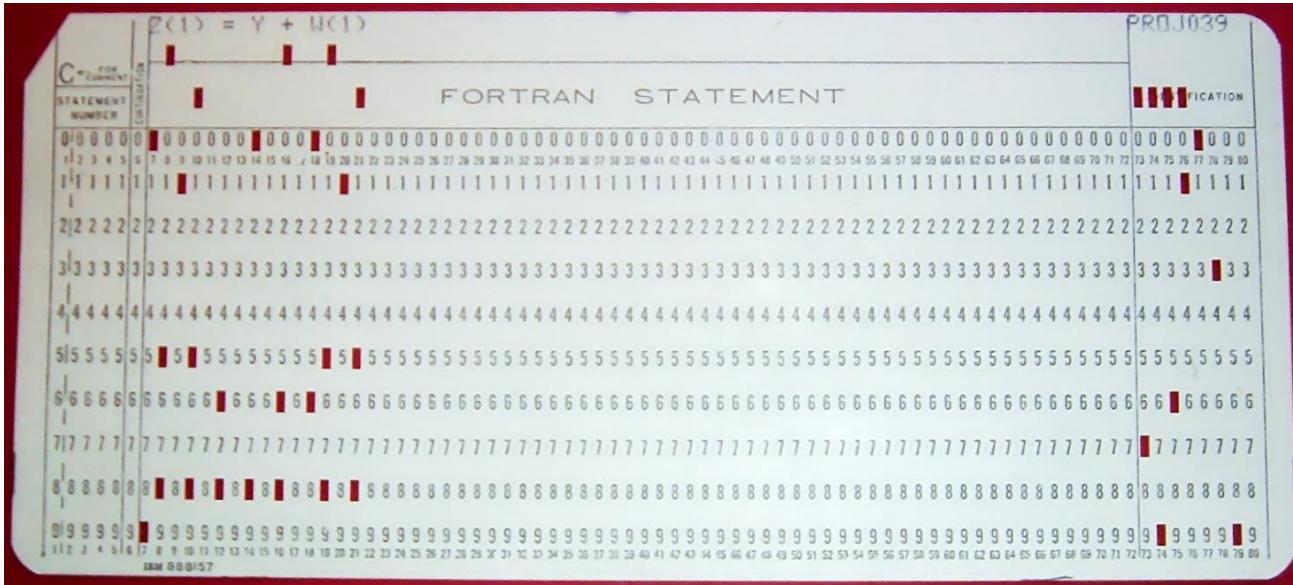
Where are we coming from...



Source: [Punch Cards](#)

# Introduction

Where are we coming from...



Source: [Fortran Statement](#)

# Introduction

Where are we coming from...

```
001011110010101001110000010  
11011101011001011101000110  
100101101011011111011111100  
010110101101111010110101101  
010110101101111011101011001  
011101011000111010110000000  
111110011101011001111011010  
10010110101101111011111100  
010110101101111010110101101  
010110101101111011101011001
```

```
variable_sort_2(int, int*):  
    ; Determine the number of elements  
    cmp    $2, %edi  
    ; Exit if less than 2 elements  
    jne    .Label  
    ; Below routine sorts 2 elements  
    mov    (%rsi), %eax  
    mov    4(%rsi), %ecx  
    cmp    %eax, %ecx  
    mov    %eax, %edx  
    cmovl  %ecx, %edx  
    mov    %edx, (%rsi)  
    cmovg  %ecx, %eax  
    mov    %eax, 4(%rsi)  
  
.Label:  
    retq
```

```
void variable_sort_2(int length, int *a)  
{  
    // Determine the number of elements  
    switch (length)  
    {  
        case 0:  
        case 1:  
            // Exit if less than 2 elements  
            return;  
        case 2:  
            // Below routine sorts 2 elements  
            int tmp = a[0];  
            a[0] = (a[1] < a[0]) ? a[1] : a[0];  
            a[1] = (a[1] < tmp) ? tmp : a[1];  
            return;  
    }  
}
```

# Introduction

Where are we coming from...

```
variable_sort_2(int, int*):
    ; Determine the number of elements
    cmp    $2, %edi
    ; Exit if less than 2 elements
    jne    .Label
    ; Below routine sorts 2 elements
    mov    (%rsi), %eax
    mov    4(%rsi), %ecx
    cmp    %eax, %ecx
    mov    %eax, %edx
    cmovl  %ecx, %edx
    mov    %edx, (%rsi)
    cmovg  %ecx, %eax
    mov    %eax, 4(%rsi)
```

## Assembler Code Specialist Looking at a Higher-Level Languages Programmer



The assembler code specialist might admire the ease and speed with which the higher-level languages programmer can write code. They might be impressed by the abstraction and simplicity of higher-level languages, which allow the programmer to focus on the logic and structure of the program rather than the details of the computer's operation.

At the same time, the assembler code specialist might feel that the higher-level languages programmer is missing out on a deeper understanding of how the computer works. They might believe that programming in assembler gives them more control and flexibility, and they might see the reliance on compilers and other tools as a potential weakness.

Image Bing: a programmer in front of open microcontrollers typing concentrated into the device

# Introduction

Where are we coming from...

```
void variable_sort_2(int length, int *a)
{
    // Determine the number of elements
    switch (length)
    {
        case 0:
        case 1:
            // Exit if less than 2 elements
            return;
        case 2:
            // Below routine sorts 2 elements
            int tmp = a[0];
            a[0] = (a[1] < a[0]) ? a[1] : a[0];
            a[1] = (a[1] < tmp) ? tmp : a[1];
            return;
    }
}
```

## Higher-Level Languages Programmer Looking at an Assembler Code Specialist



The higher-level languages programmer might be in awe of the assembler code specialist's deep understanding of the computer's operation. They might admire the specialist's ability to write efficient and optimized code that takes full advantage of the computer's capabilities.

However, the higher-level languages programmer might also see the assembler code specialist's work as tedious and unnecessarily complex. They might feel that higher-level languages are a more practical and efficient choice for most programming tasks, and they might see the specialist's focus on assembler as somewhat outdated or niche.

Image Bing: a programmer in front of keyboard and monitor typing concentrated code into Visual Studio

# Introduction

Where are we coming from...

```
001011110010101001110000010  
11011101011001011101000110  
100101101011011111011111100  
010110101101111010110101101  
010110101101111011101011001  
011101011000111010110000000  
11110011101011001111011010  
10010110101101111011111100  
010110101101111010110101101  
010110101101111011101011001
```

```
variable_sort_2(int, int*):  
    ; Determine the number of elements  
    cmp    $2, %edi  
    ; Exit if less than 2 elements  
    jne    .Label  
    ; Below routine sorts 2 elements  
    mov    (%rsi), %eax  
    mov    4(%rsi), %ecx  
    cmp    %eax, %ecx  
    mov    %eax, %edx  
    cmovl  %ecx, %edx  
    mov    %edx, (%rsi)  
    cmovg  %ecx, %eax  
    mov    %eax, 4(%rsi)  
  
.Label:  
    retq
```

```
void variable_sort_2(int length, int *a)  
{  
    // Determine the number of elements  
    switch (length)  
    {  
        case 0:  
        case 1:  
            // Exit if less than 2 elements  
            return;  
        case 2:  
            // Below routine sorts 2 elements  
            int tmp = a[0];  
            a[0] = (a[1] < a[0]) ? a[1] : a[0];  
            a[1] = (a[1] < tmp) ? tmp : a[1];  
            return;  
    }  
}
```

Provide a C function that sorts an integer array of size 0, 1, or 2

# Introduction

Where are we coming from...

```
00101110010101001110000010  
11011101011001011101000110  
10010110101101111011111100  
0101101011011110101101101  
010110101101111011101011001  
011101011000111010110000000  
111110011101011  
100101101011011  
010110101101111  
010110101101111
```

```
variable_sort_2(int, int*):  
    ; Determine the number of elements  
    cmp    $2, %edi  
    ; Exit if less than 2 elements  
    jne    .Label  
    ; Below routine sorts 2 elements  
    mov    (%rsi), %eax  
    mov    4(%rsi), %ecx  
    cmp    %eax, %ecx  
    mov    %eax, %edx  
    cmovl %eax, %edx
```

```
void variable_sort_2(int length, int *a)  
{  
    // Determine the number of elements  
    switch (length)  
    {  
        case 0:  
        case 1:  
            // Exit if less than 2 elements  
            return;  
        case 2:  
            // Below routine sorts 2 elements  
            a[0];  
            a[1] < a[0]) ? a[1] : a[0];  
            a[1] < tmp) ? tmp : a[1];  
    }  
}
```



[Andrej Karpathy](#)   
[@karpathy](#)

The hottest new programming language is English

[Tweet übersetzen](#)

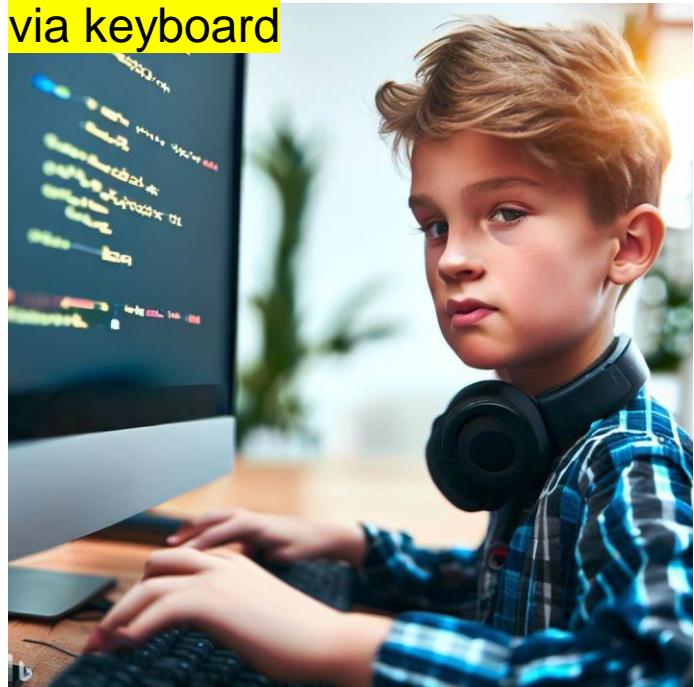
9:14 nachm. · 24. Jan. 2023 · 2,4 Mio. Mal angezeigt

Code: <https://www.nature.com/articles/s41586-023-06004-9/figures/1> Tweet: [Andrej Karpathy](#)

# Introduction

Where are we going to?

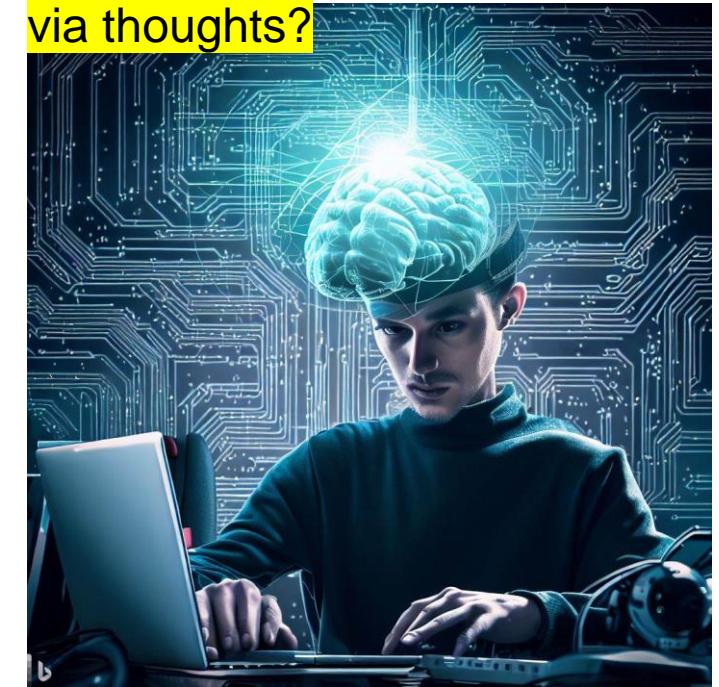
via keyboard



via voice

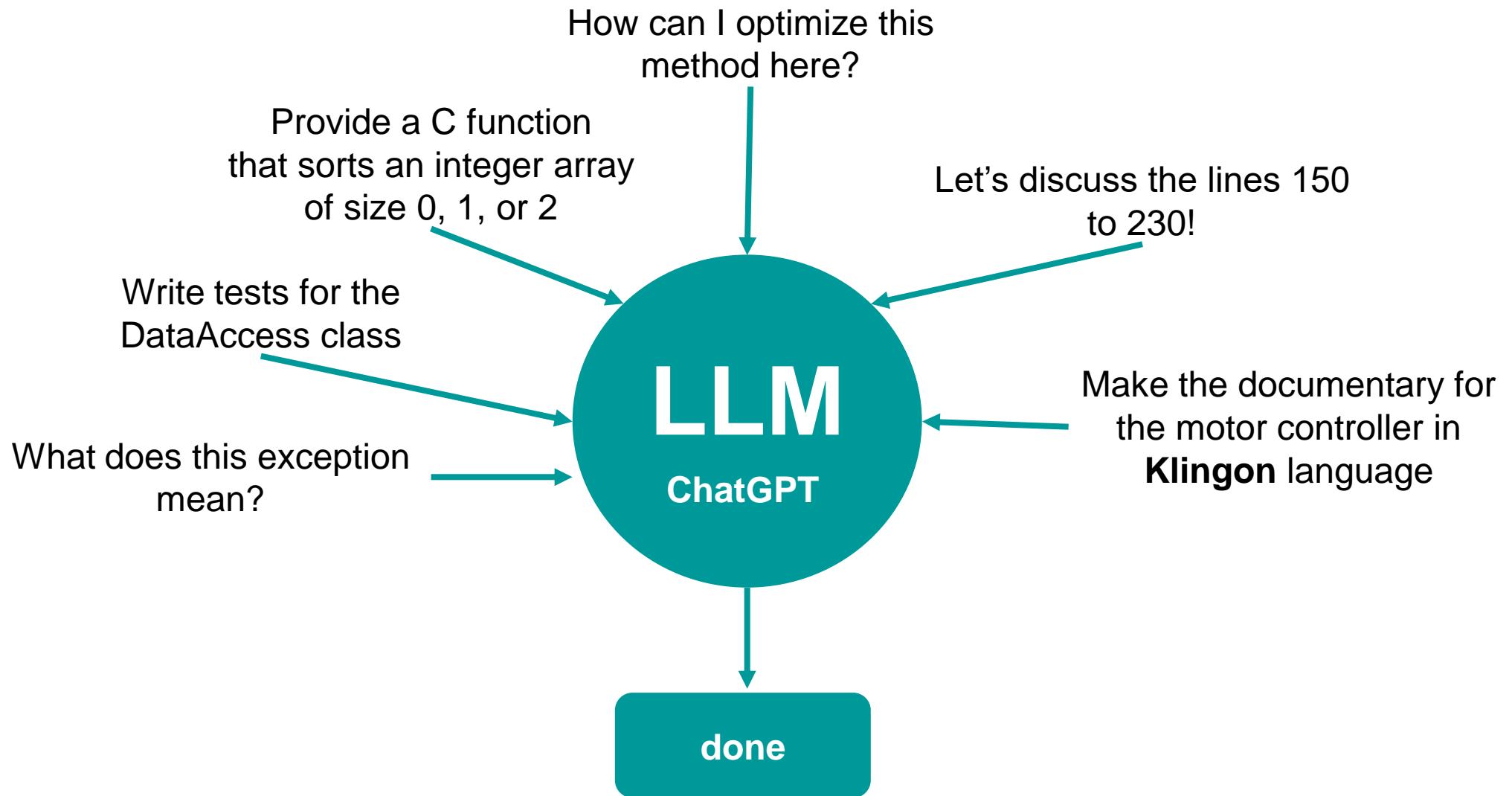


via thoughts?



## Introduction

Where are we now?



## Introduction

Not everybody is amused...



Meme Creator

Install ↗

Use Meme Creator to create memes on demand using the power of AI!

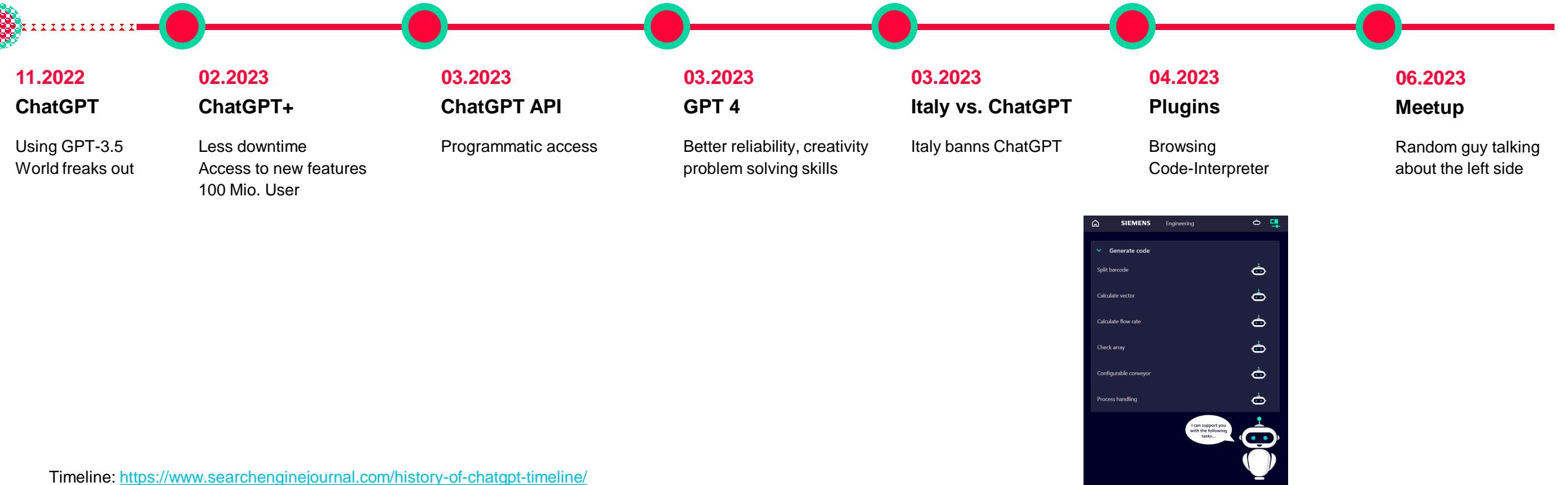
## Table of contents

### Agenda



# Introduction

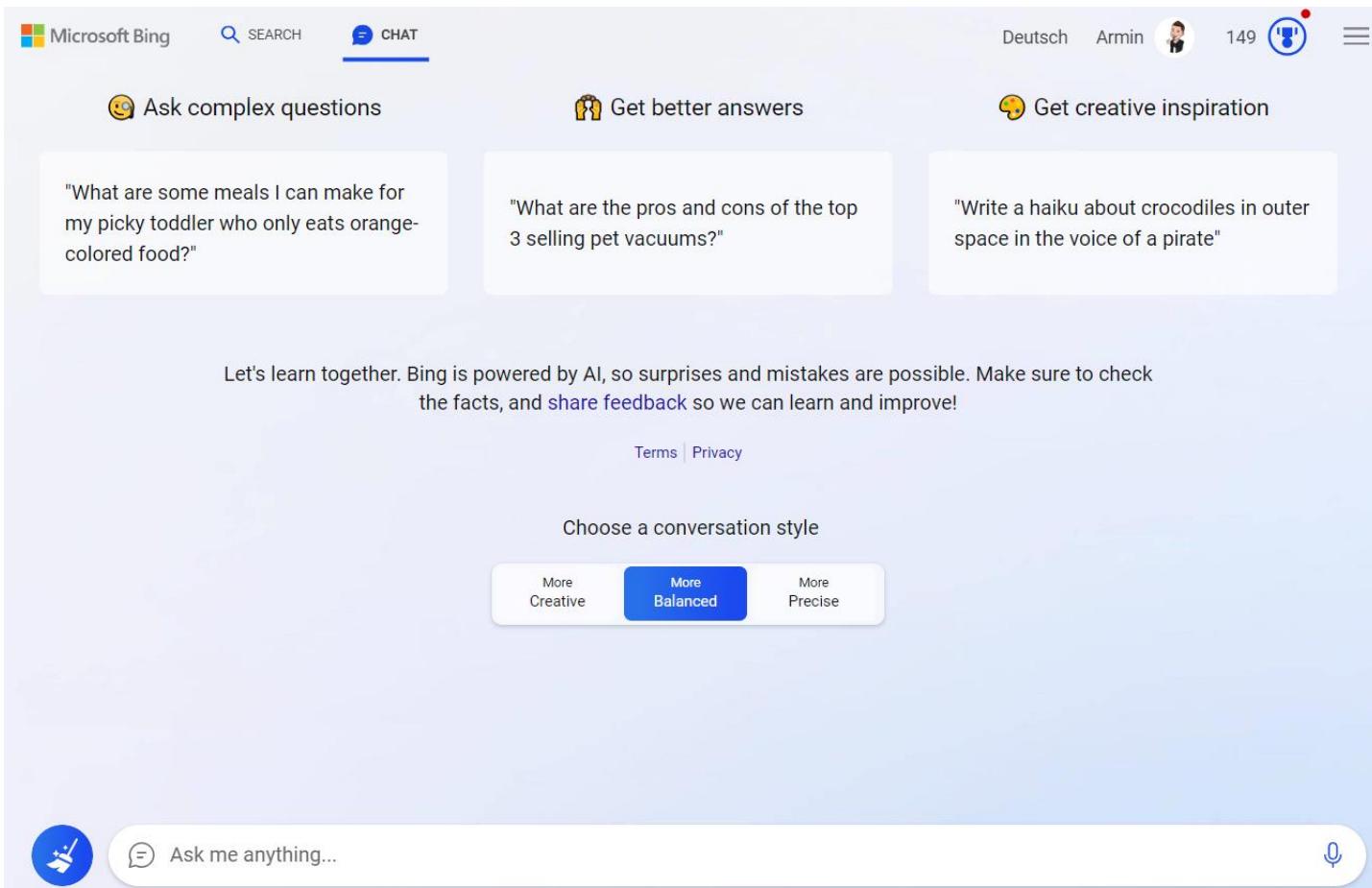
## ChatGPT Timeline



# ChatGPT

Bing

Model	Privacy	API	Plugins	Misc.
GPT-4	:(	X	X	Create Images



# ChatGPT

Azure

Model	Privacy	API	Plugins	Misc.
GPT-3.5 / GPT-4				No history

Azure AI | Azure AI Studio

Hadzalic, Armin (DI FA CTR EE PRC2) OpenAI-aiattack-000898-southcentralus-0...

Chat playground

Import setup Export setup Show panels

Deploy to...

Assistant setup Chat session Configuration

System message Add your data (preview)

Save changes

Specify how the chat should act

Use a system message template

Select a template

System message Examples

You are an AI assistant that helps people find information.

Chat session

Clear chat View code Show raw JSON

Hi

Hello! How can I help you today?

User message

Type user query here. (Shift + Enter for new line)

Configuration

Deployment Parameters

Deployment \*

gpt4-4-32k

Session settings

Past messages included 10

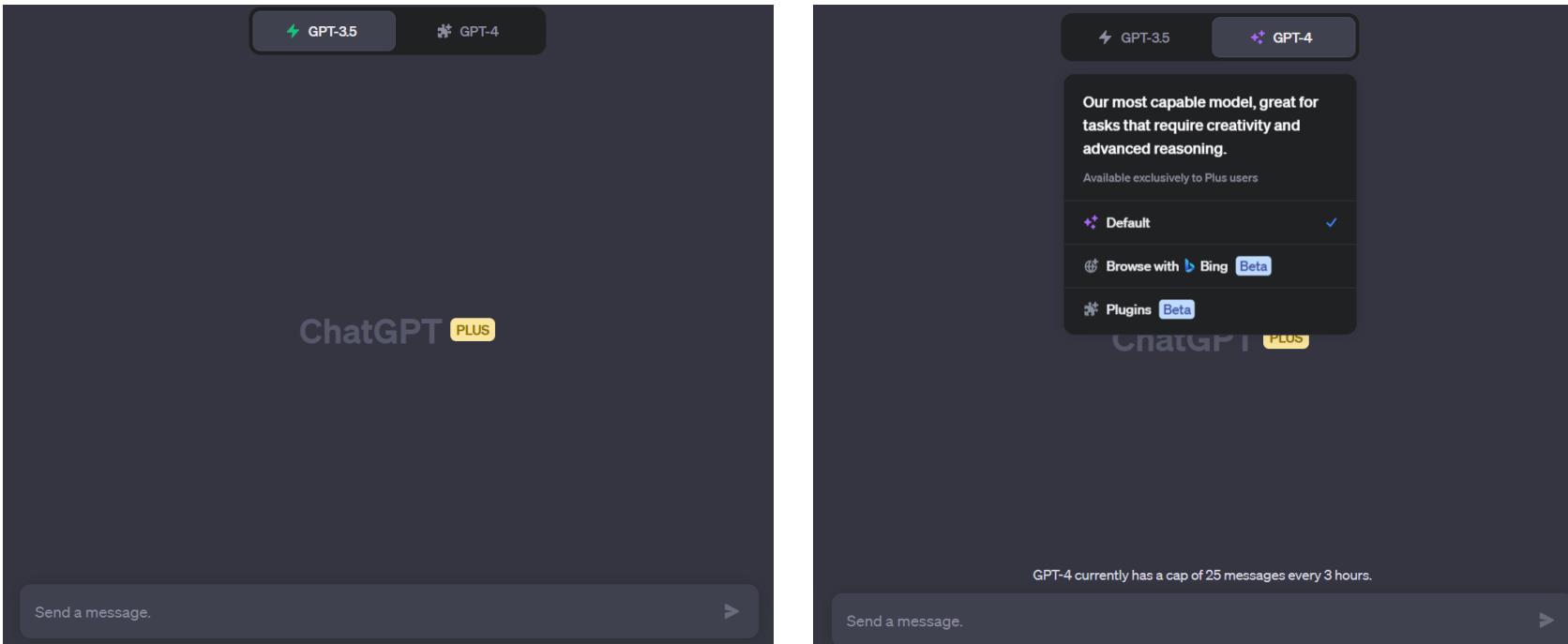
Current token count

Input tokens progress indicator 46/32768

# ChatGPT

OpenAI

Model	Privacy	API	Plugins	Misc.
GPT-3.5				fast
GPT-4				slow



# ChatGPT

iOS App

Model	Privacy	API	Plugins	Misc.
GPT-3.5 / GPT-4				Voice input, UX
				Haptic feedback

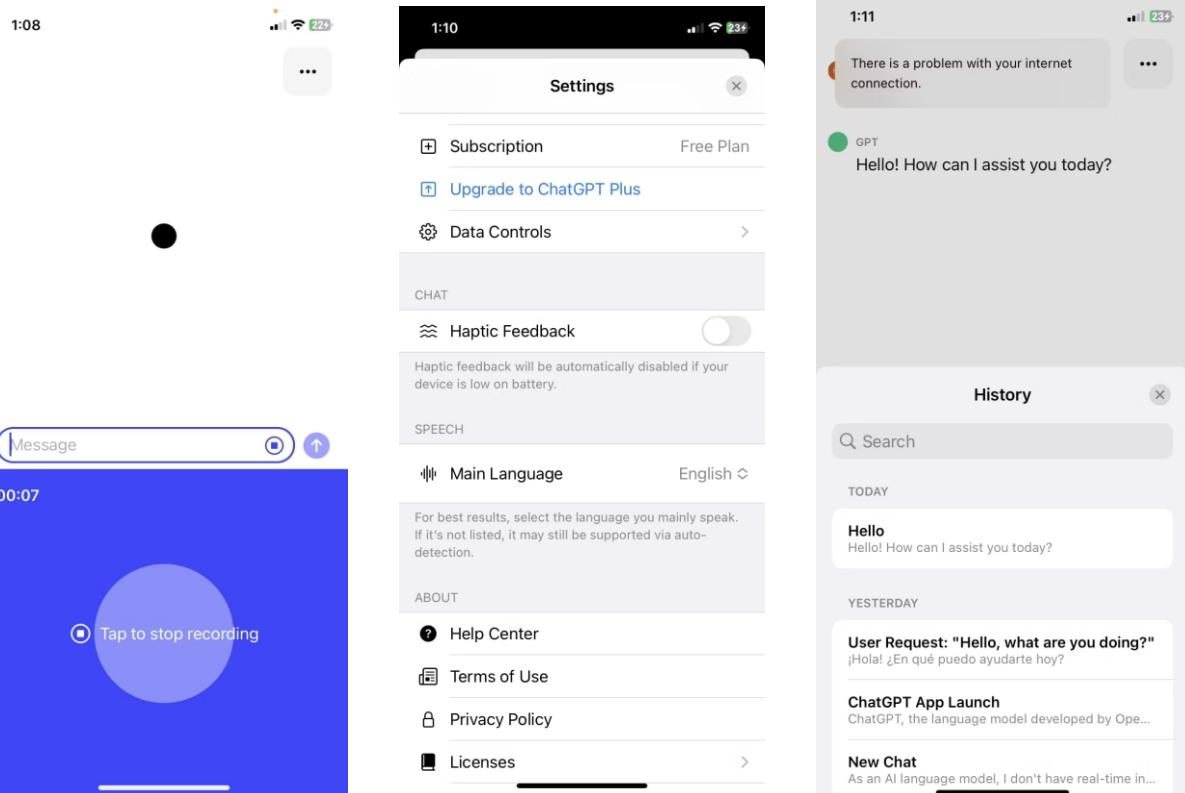
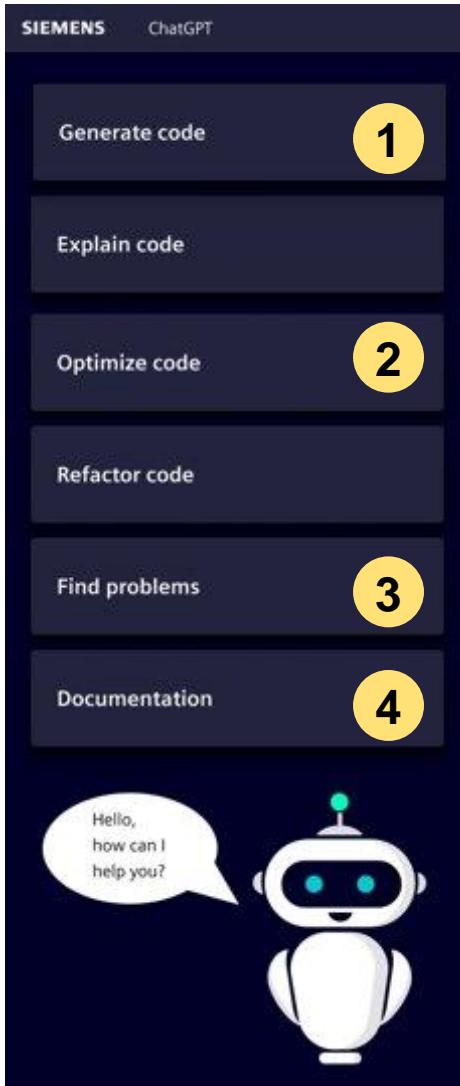


Image: [why-chatgpt-ios-app-is-better-than-website](#)

# ChatGPT TIA-Portal

- Shown at Hannover Fair 2023
- TIA-Portal / Openness
- Documentation is surprisingly good

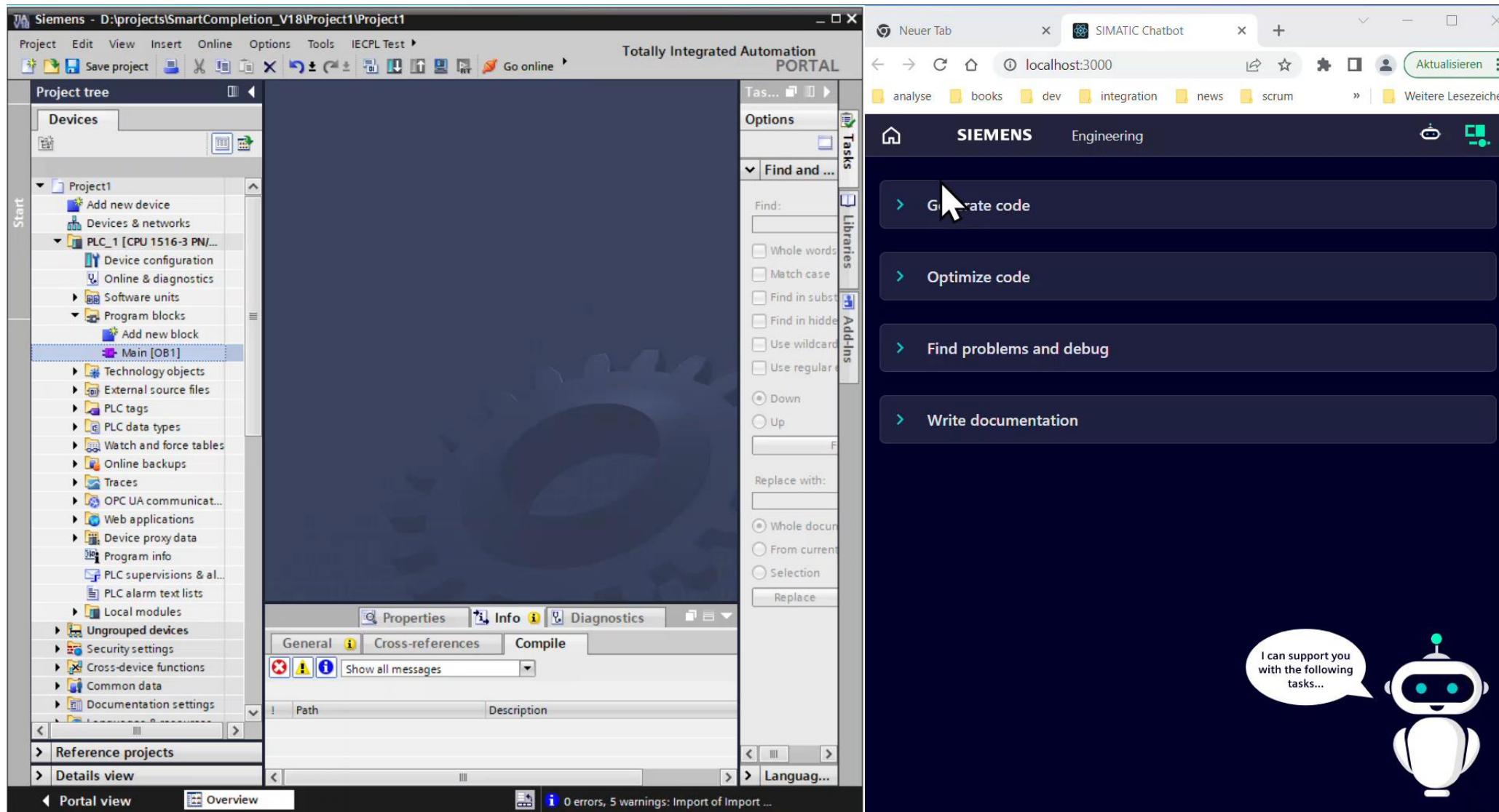


The screenshot shows the Siemens Engineering interface. At the top, it says "SIEMENS Engineering". In the center, there is a "Generate code" section with a text input field containing the text: "I have two points with respective coordinates (3,5) and (6,9). I want to compute the distance bet...". Below this is a code editor window displaying the following Pascal-like code:

```
FUNCTION "Calculate_Vector" : REAL
VAR_INPUT
    //Declare input variables
END_VAR
VAR_OUTPUT
    magnitude : REAL; //Declare output variable
END_VAR
VAR_TEMP
    x1 : REAL := 3; //Declare x coordinate of point 1
    y1 : REAL := 5; //Declare y coordinate of point 1
    x2 : REAL := 6; //Declare x coordinate of point 2
    y2 : REAL := 9; //Declare y coordinate of point 2
END_VAR
//Calculate distance between two points using Pythagorean theorem
magnitude := SQRT((x2-x1)*(x2-x1) + (y2-y1)*(y2-y1));
//Return magnitude as output
calculate_Vector := magnitude;
END_FUNCTION
```

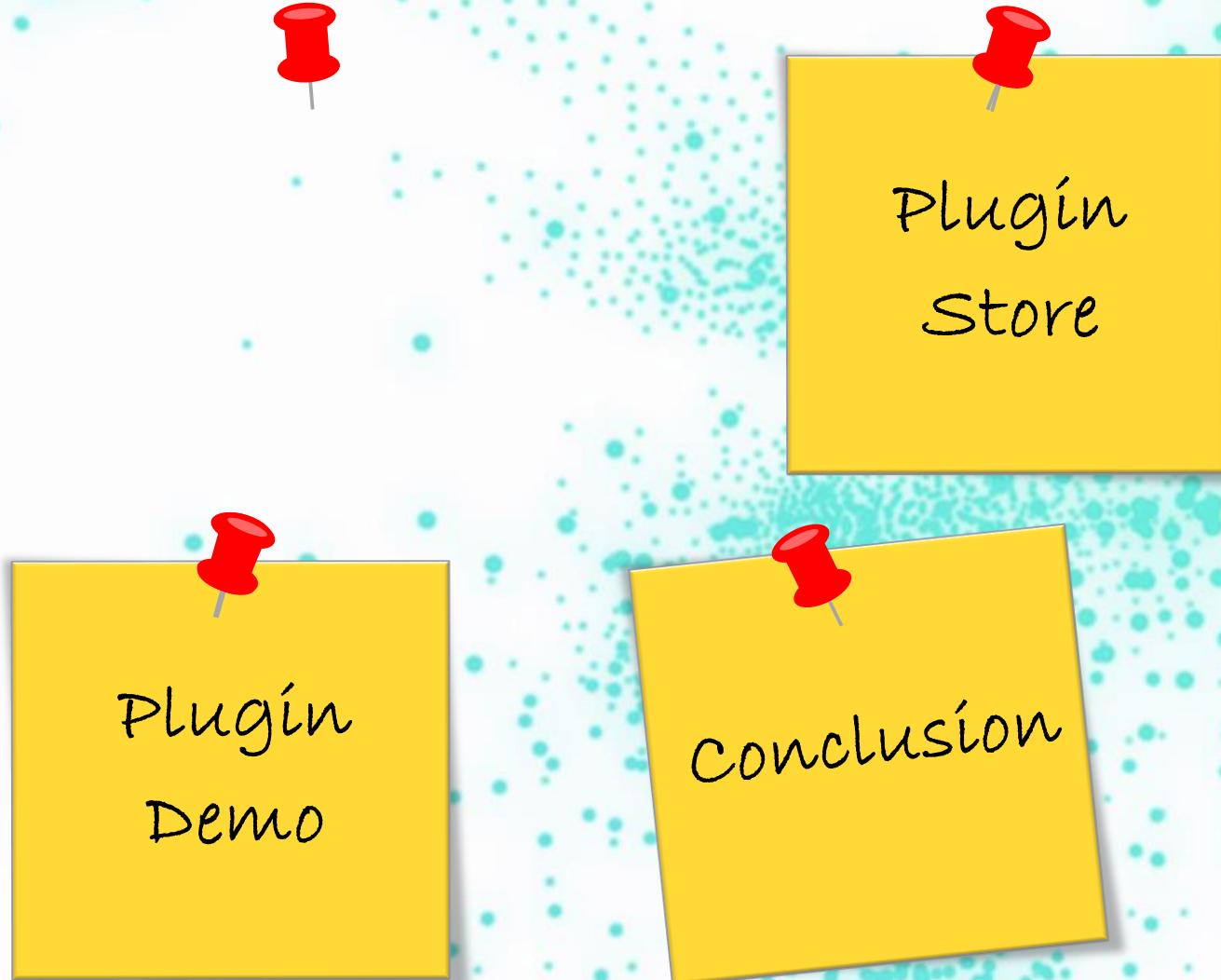
At the bottom right of the code editor is a blue "Insert" button.

# ChatGPT Demo



# Table of contents

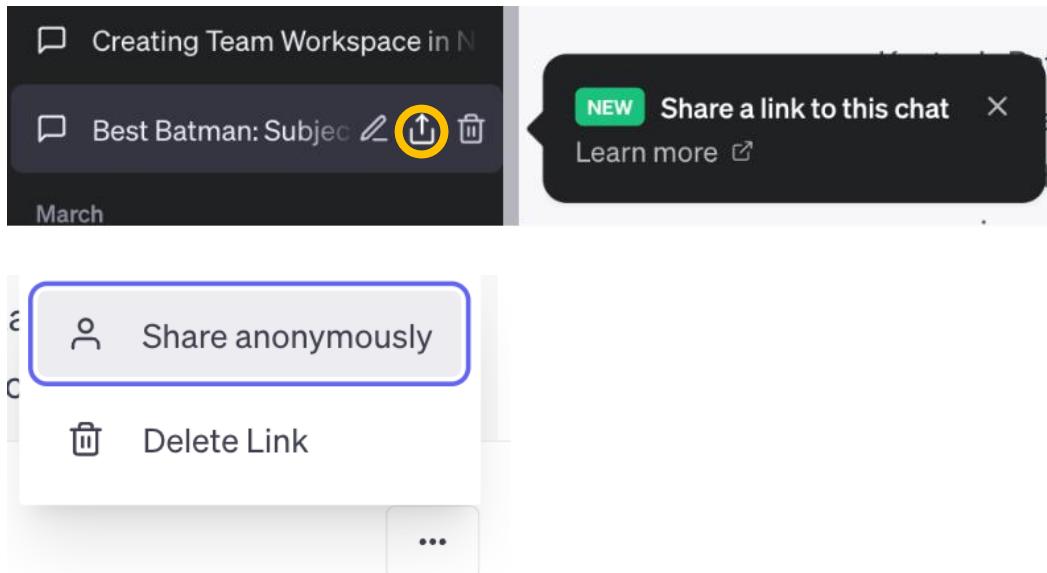
## Agenda



# ChatGPT plugin store

## some notes

Share links from chat history



Mastering Plugin Prompts

[→ link](#)



Plugin Overview

<https://gptstore.ai/>

Discover the ChatGPT(LLM) plugins

Type to search plugins

Images: [chatgpt-shared-links-faq](#)

# ChatGPT plugin store

## The store

Plugin store X

Popular New All Installed  Search plugins



Jini

Install 

Get factual, knowledge-base and real-time information. Search news, images, videos, music, apps, pages and facts.



Mallorca Magic Pr...

Install 

Discover your dream property in Mallorca with our AI-Power. Find the perfect match from over 75,000 listings!



CoinCap

Install 

Get cryptocurrency information from CoinCap.



SimplyCodes

Install 

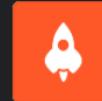
Find reliable coupon codes at 300K+ stores.



Crypto Market News

Install 

It's your go-to solution for real-time cryptocurrency price updates, market insights, and the latest news.



Speedy Marketing

Install 

Marketing tool for your Shopify store, ecommerce website or any business. Write SEO blogs and social media...



Scraper

Install 

Scrape content from webpages by providing a URL.



Weather

Install 

Provides weather forecast based on location. Includes temperature, precipitation, cloud cover, wind and...

< Prev 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25  
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 Next >

[Install an unverified plugin](#) | [Develop your own plugin](#) | [About plugins](#)

~ 400 Plugins as of 13.06.2023

# ChatGPT plugin store

## Code-Interpreter like



Open [https://app.noteable.io/f/7cd9dd62-8381-490e-aba1-fbd83cf3755/electric\\_vehicles.ipynb](https://app.noteable.io/f/7cd9dd62-8381-490e-aba1-fbd83cf3755/electric_vehicles.ipynb) in noteable and make a statistical analysis and explore the data. The dataset is called Electric\_Vehicle\_Population\_Data.csv



The data has been successfully loaded into a dataframe. Here are the first few rows:

Next, let's perform some exploratory data analysis. We'll start by checking the data types of each column, looking for missing values, and getting some basic statistics.

Next, let's explore the data further by looking at the distribution of electric vehicle types, the most common makes and models, and the distribution of model years.

Next, we can perform more specific analyses based on the questions or hypotheses we want to test. For example, we can analyze the relationship between the electric range and the base MSRP, or we can compare the popularity of different electric vehicle models in different cities or counties. Please let me know what specific analyses you are interested in.



Please compare the popularity of different electric vehicle models in different cities or counties and visualize this in a map

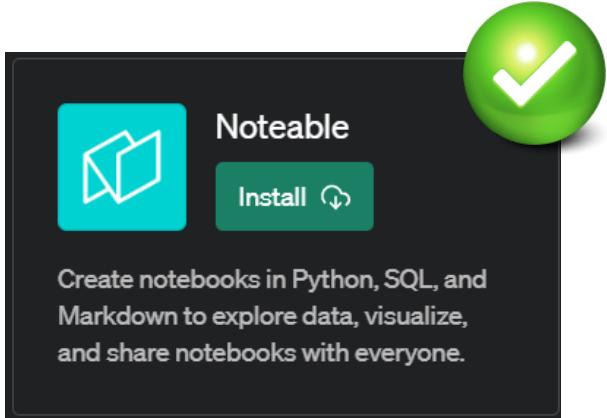


Next, let's create a GeoDataFrame from the DataFrame and plot the data on a map. However, please note that the plotting of data on a map might not provide a clear comparison of the popularity of different electric vehicle models in different cities or counties due to the high density of points. We might need to aggregate the data at the city or county level for a clearer comparison.

Let's try to get the top 5 most popular electric vehicle models in each city.

# ChatGPT plugin store

## Code-Interpreter like



Noteable:  
ZoomInOut:  
<https://chat.openai.com/share/8361ad55-212c-44d4-bd81-5b6b6d302144>

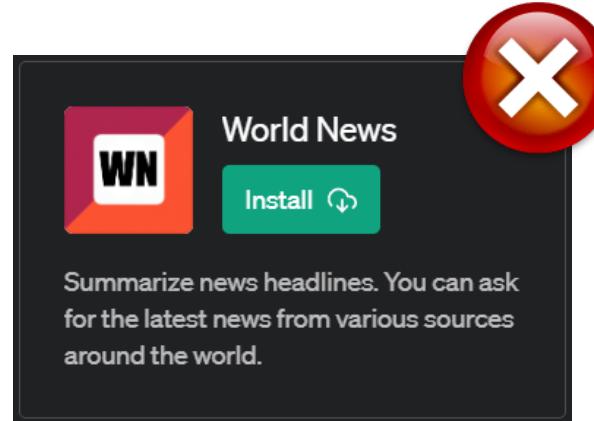
See git:  
[https://github.com/hadze/talks/blob/main/meetup/datascience\\_2023/src/notbook/ZoomInGifCreation.ipynb](https://github.com/hadze/talks/blob/main/meetup/datascience_2023/src/notbook/ZoomInGifCreation.ipynb)

- Direct upload of the data
- Give absolute paths

Noteable:  
Electric vehicles:  
<https://chat.openai.com/share/c3e95d20-21ee-4193-893d-b010ff2e2dd4>

See git:  
[https://github.com/hadze/talks/blob/main/meetup/datascience\\_2023/src/notbook/Electric\\_vehicles.ipynb](https://github.com/hadze/talks/blob/main/meetup/datascience_2023/src/notbook/Electric_vehicles.ipynb)

Map via Wolfram (-100 / 30):  
<https://chat.openai.com/share/cdcde80a-0bab-4684-a0a8-eba92f52f871>

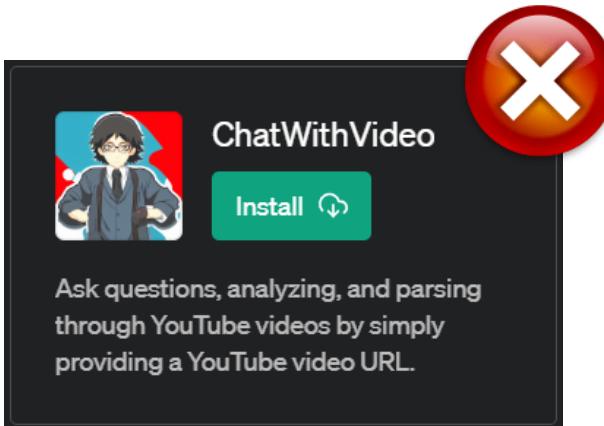


World News:  
Get headlines and related data sources:  
<https://chat.openai.com/share/e171cc d8-fb73-4733-84c0-bb244089ed75>

Headlines are ok but not every data source works (halucinates?)  
However, some good starting points are provided

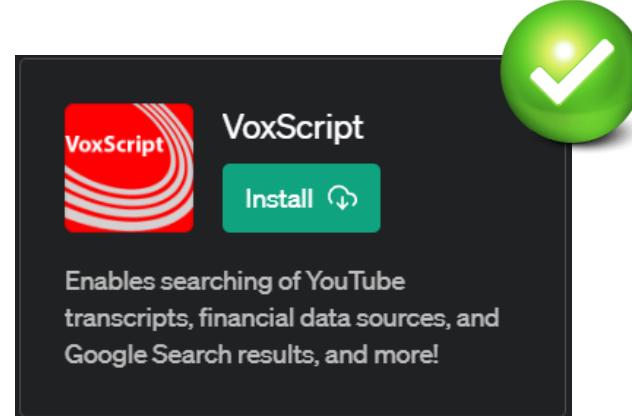
# ChatGPT plugin store

## Video



ChatWithVideo FAIL:

<https://chat.openai.com/share/1ba09e46-bdeb-458d-a8d7-9d2c24613874>



VoxScript + ShowMe

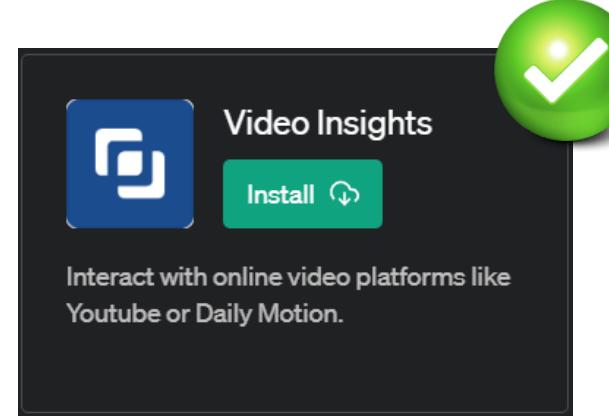
Noteable-plugin-video:

<https://www.youtube.com/watch?v=otk2AA6hGgU>

<https://chat.openai.com/share/54407338-57ba-414a-920b-d0f22b193c6d>

News:

<https://chat.openai.com/share/8a8efb1d-f078-4b68-8a31-a8242acc9d41>



VideoInsights:

Noteable-plugin-video:

<https://www.youtube.com/watch?v=otk2AA6hGgU>

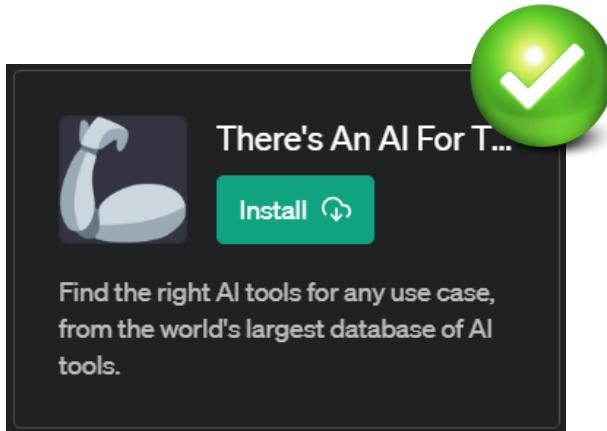
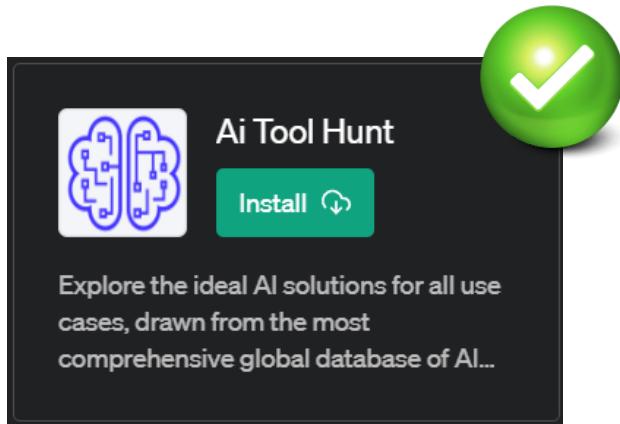
<https://chat.openai.com/share/7e1b0564-cc6b-41d9-adcd-bfdd62a69201>

Diagram:

<https://showme.redstarplugin.com/s/audJUxF>

# ChatGPT plugin store

## AI-Tools

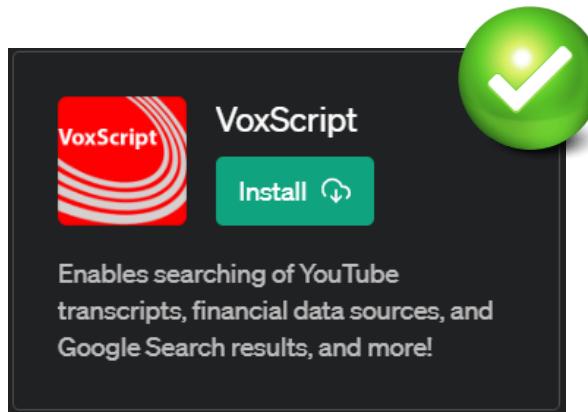
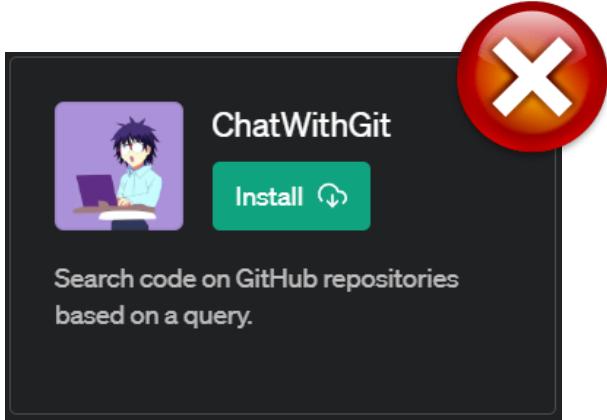


AI-Toolhunt:  
need an text-to-voice-converter:  
<https://chat.openai.com/share/cb35039e-e109-4802-96b2-449778498013>

There's an AI for that:  
<https://theresanaiforthat.com/>  
5k AI tools

# ChatGPT plugin store

## Github / Code-Snippets



Find github code-examples / snippets  
Does not work very well

→ Use VoxScript instead:

uses duckduckgo

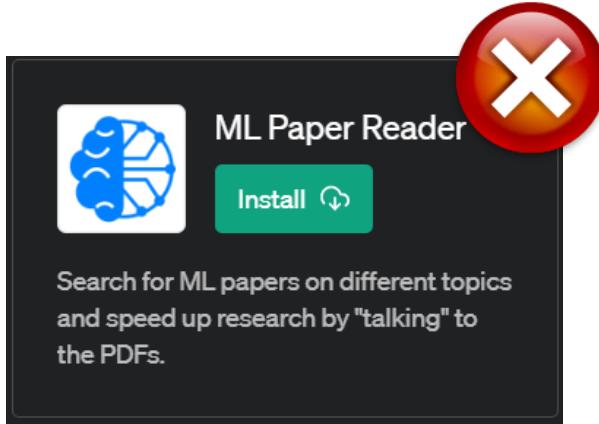
<https://chat.openai.com/share/c00f6a5e-a5d6-428e-a23f-2c2d07818e87>

results are not always from github

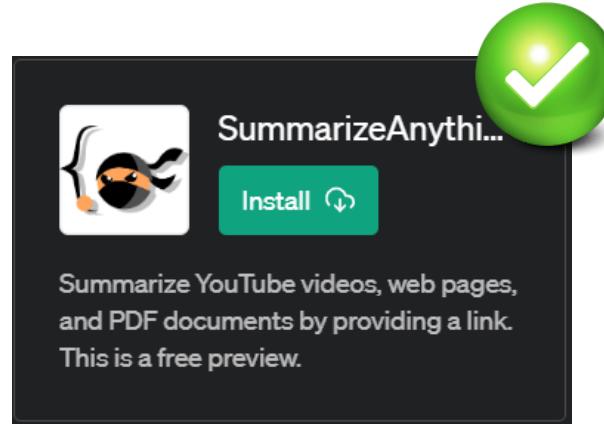
Searching for code snippets from github does not work as well as expected  
„Discussion about code“-function sounded promising but didn't work

# ChatGPT plugin store

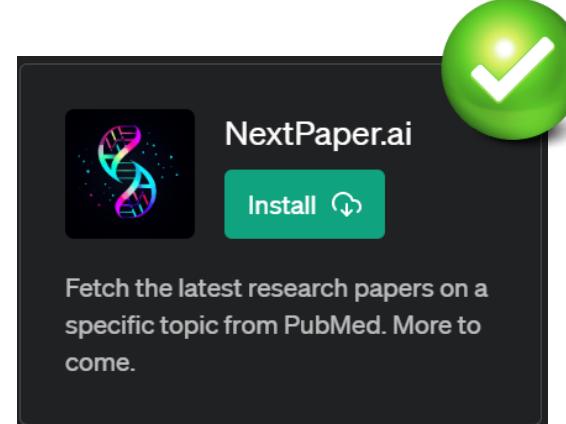
## ML-Papers / Research



ML Paper Reader  
Does not work at all / wrong summary  
<https://chat.openai.com/share/a30feb>  
[bd-86d0-4f4e-b446-e693b5fca049](https://chat.openai.com/share/bd-86d0-4f4e-b446-e693b5fca049)



Summarize Anything  
Works very well on direct links  
<https://chat.openai.com/share/4d6db02c-7c18-4c64-b6b9-5d0b8b07ae80>  
  
sample paper:  
<https://arxiv.org/abs/2304.01852>

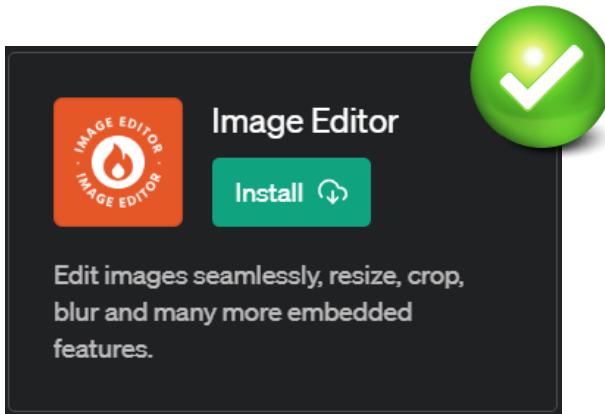


NextPaper.ai  
Works very well given a research topic  
<https://chat.openai.com/share/3420a01b-0536-46a7-8985-669fbef46b73>

query: Give me a list of latest papers  
about ChatGPT → 09.06.2023  
[https://journals.lww.com/jcma/Abstract/9900/ChatGPT\\_failed\\_Taiwan\\_s\\_Family\\_Medicine\\_Board\\_Exam.224.aspx](https://journals.lww.com/jcma/Abstract/9900/ChatGPT_failed_Taiwan_s_Family_Medicine_Board_Exam.224.aspx)

# ChatGPT plugin store

## Miscellaneous



**Image Editor**

Install 

Edit images seamlessly, resize, crop, blur and many more embedded features.

Image Resizer  
Provide a link to the image  
<https://chat.openai.com/share/6041849c-e542-4acf-90cb-acced259286c>

Sample image (non commercial):  
<https://www.iconarchive.com/download/i7781/hopstarter/sleek-xp-software/Yahoo-Messenger.256.png>



**Keyword Explorer**

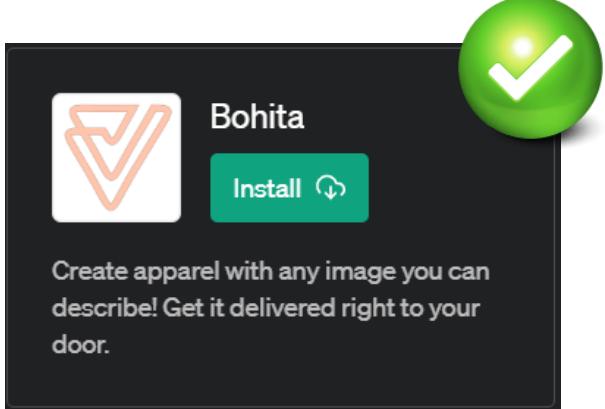
Install 

Keyword Explorer provides popular related keywords to amplify your content optimization.

Keyword Explorer + ShowMe:  
Climate Change

Keyword Explorer is dispensable → can be realized also with normal ChatGPT 3.5

<https://chat.openai.com/share/c1126560-73b3-423c-b1d3-6524517f6923>



**Bohita**

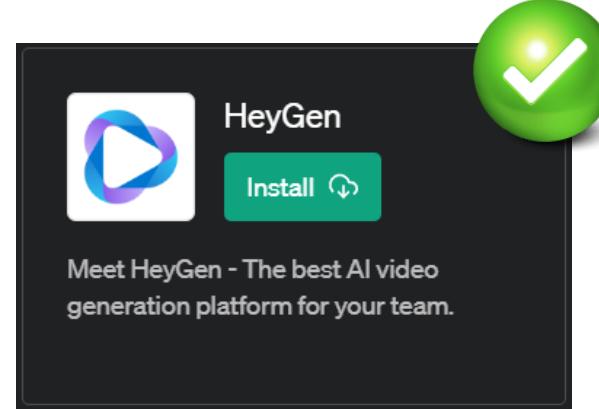
Install 

Create apparel with any image you can describe! Get it delivered right to your door.

Create T-Shirts with bohita  
<https://chat.openai.com/share/9ffe20a-4b80-4351-a228-374a42049065>

want a t-shirt with a data science logo on it. It should show albert einstein discussing neural nets

Outcome:  
<https://bohita.com/apparel/o5Aw6CZnkajfU84xtANo>



**HeyGen**

Install 

Meet HeyGen - The best AI video generation platform for your team.

HeyGen:  
<https://chat.openai.com/share/dec31b6c-aae0-4cb4-80f3-a9f68bae62ed>

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Plugin  
Demo

Conclusion

# ChatGPT plugin demo

## Bundestagsprotokolle

The **most** important thing:

- The logo 😊

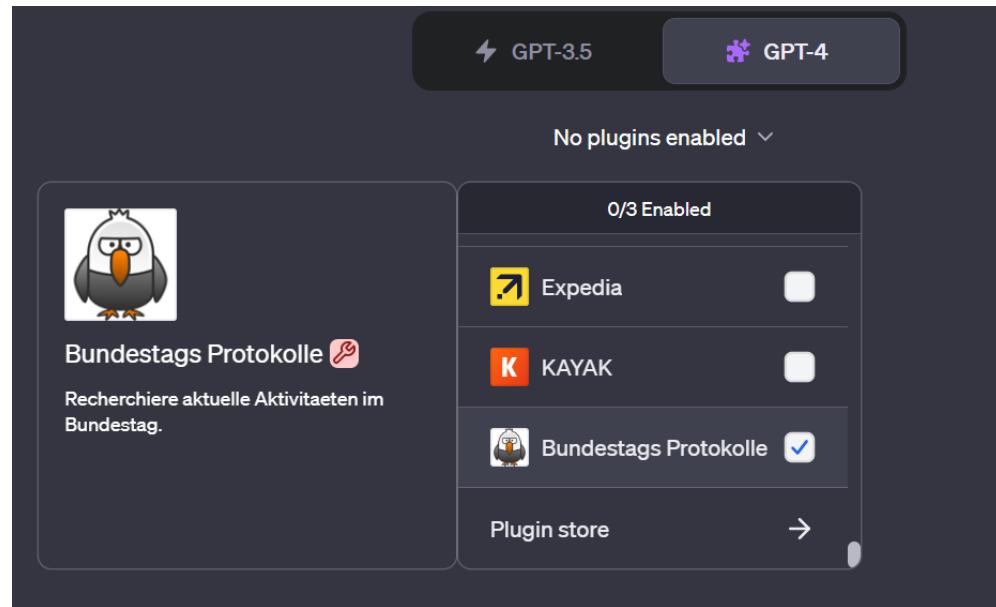
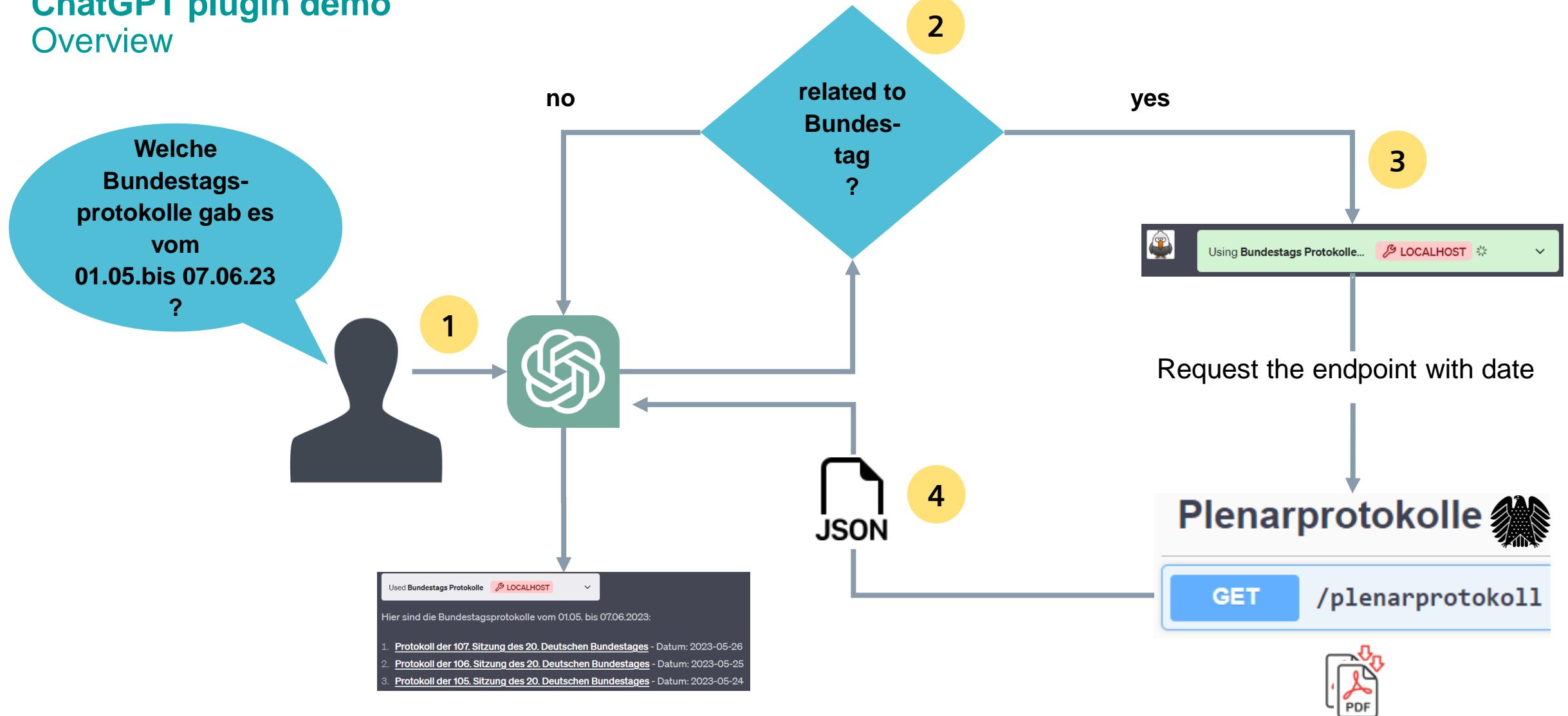


Image: [Iconarchive.com](#)

# ChatGPT plugin demo

## Overview



# ChatGPT plugin demo

## Ingredients

### Ingredients:

- a REST API
- a manifest file that describes the plugin
- a YAML file describing the API
- a program entry

Instruct ChatGPT in **YAML** on how to use your plugin

- Define paths
- Summary field
- Description field

```
openapi: 3.0.1
info:
  title: Bundestags Protokolle
  description: Recherchiere aktuelle Aktivitaeten im Bundestag
  version: "v1"
servers:
  - url: PLUGIN_HOSTNAME
paths:
  > /members: ...
  > /activities: ...
  /protocols:
    get:
      operationId: getProtocols
      summary: Listet alle Protokolle die zwischen zwei Stichtagen gefuehrt wurden.
      parameters:
        - in: query
          name: start_date
          schema:
            type: string
            description: Filtert alle Protokolle von einem bestimmten Startdatum an.
        - in: query
          name: end_date
          schema:
            type: string
            description: Filtert alle Protokolle bis zu einem angegebenem Stichtag.
      responses:
        "200":
          description: OK
```

# ChatGPT plugin demo

## main.py

Responsibilities:

- Path to the logo
- Path to manifest file
- Path to YAML file
- Your methods / functions

```
@app.get("/logo.png")
> async def plugin_logo(): ...

@app.get("./well-known/ai-plugin.json")
> async def plugin_manifest(): ...

@app.get("/openapi.yaml")
> async def openapi_spec(): ...

def main():
    app.run(debug=True, host="0.0.0.0", port=5001)

if __name__ == "__main__":
    main()
```

# ChatGPT plugin demo

## main.py domain logic

Your domain logic:

- Define the Host-URL
- Adapt the variable input
- Send the request
- Get the response
- Do the extraction, if needed

```
# Note: setting CORS to allow chat.openapi.com is only required when running a localhost plugin
app = quart_cors.cors(quart.Quart(__name__), allow_origin="https://chat.openapi.com")
HOST_URL = "https://search.dip.bundestag.de"

1 @app.get("/members")
> async def get_members(): ...

@app.get("/activities")
> async def get_activities(): ...

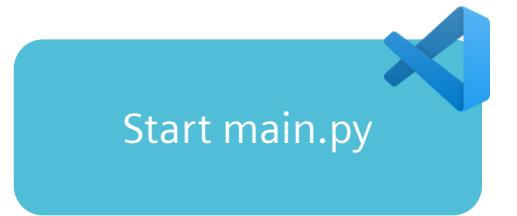
@app.get("/protocols")
async def get_protocols():
    start_date = request.args.get("start_date")
    end_date = request.args.get("end_date")
    res = requests.get(
        f"{HOST_URL}/api/v1/plenarprotokoll?f.datum.start={start_date}&f.datum.end={end_date}&f.zuordnung=B1"
    )
    2 # Filter the response
    if res.status_code == 200:
        data = res.json()
        # Extract only results where entries of "Plenarprotokoll" are listed
        plenarprotokolle = [item for item in data['documents'] if item['dokumentart'] == 'Plenarprotokoll']
        #for protokoll in plenarprotokolle:
        #    print(protokoll)
        return quart.Response(response=json.dumps(plenarprotokolle), status=200)

    else:
        print(f'Error: {res.status_code}')

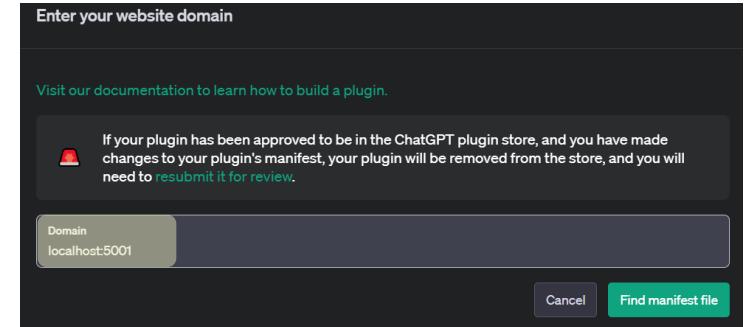
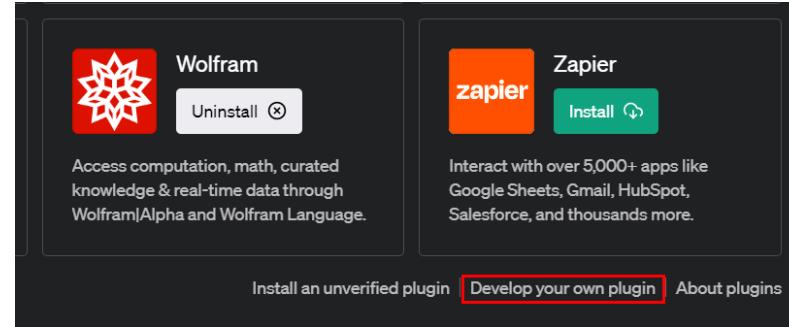
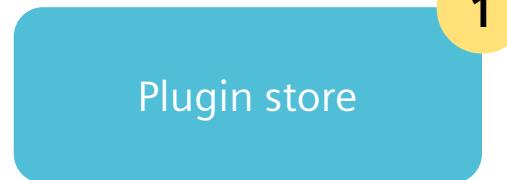

3
```

# ChatGPT plugin demo

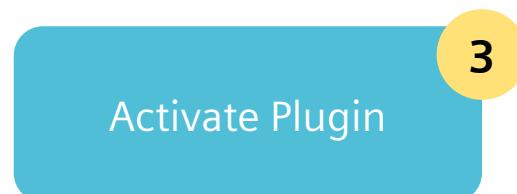
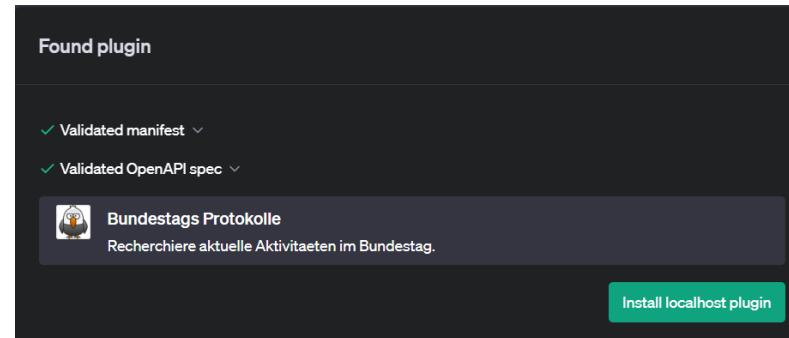
## Workflow



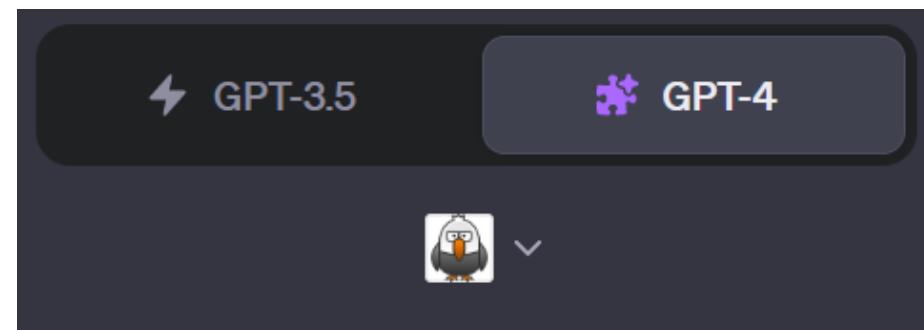
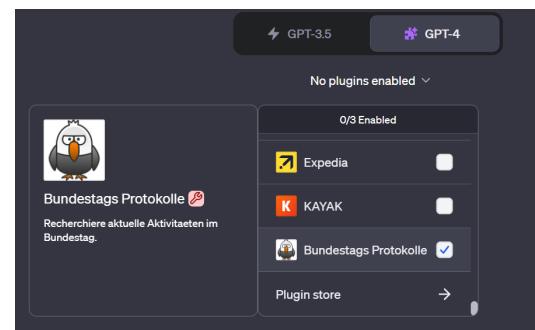
1



2



3



# ChatGPT plugin demo

## start & activate

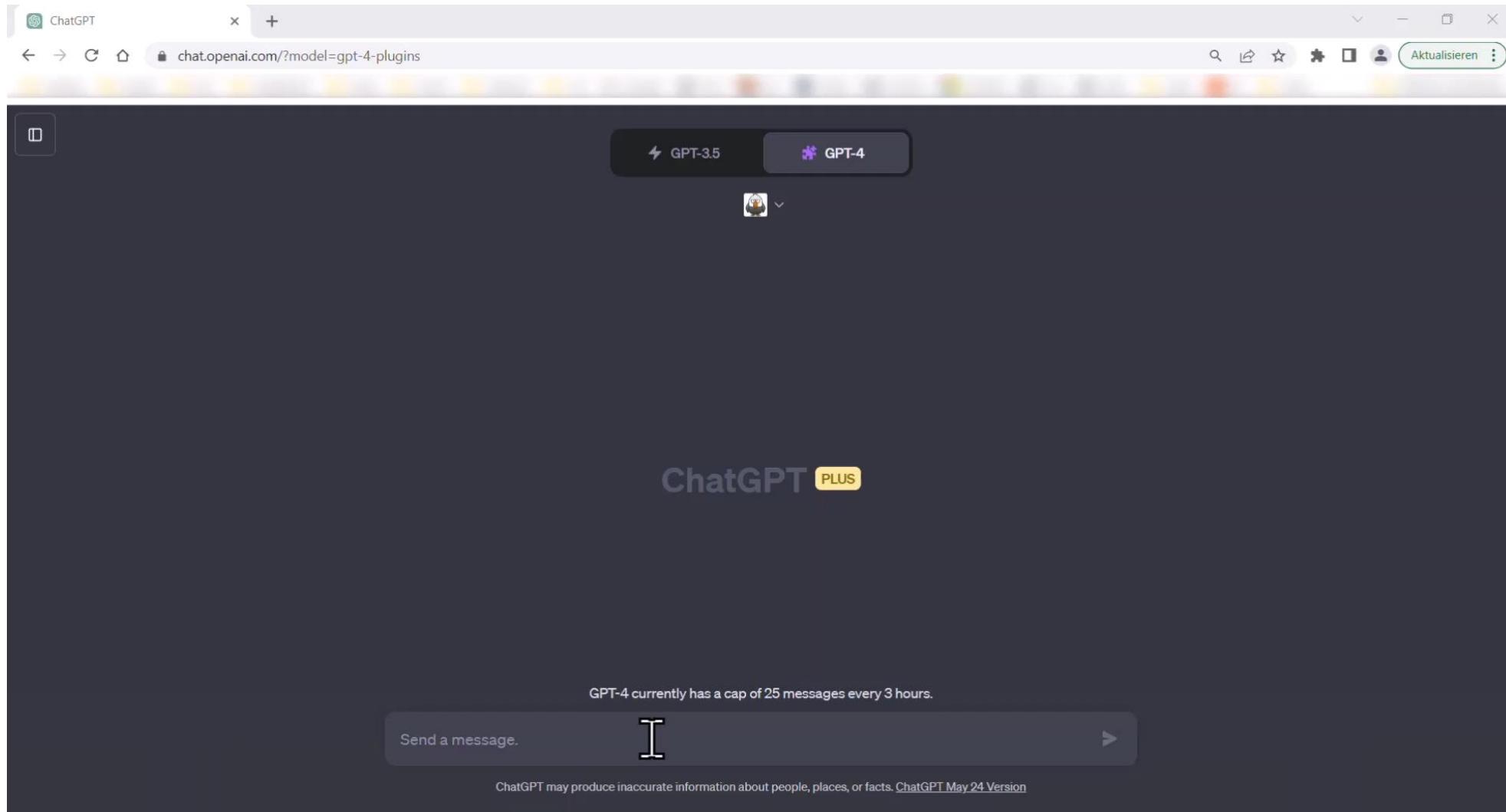
The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure with files: main.py, openapi.yaml, .well-known/ai-plugin.json, .gitignore, LICENSE, logo.png, and requirements.txt.
- Code Editor:** Displays the main.py file content, which is a Python script using the Quart framework to handle API requests. It includes endpoints for members, activities, protocols, logo, and plugin manifest.
- Terminal:** Shows the command "powershell" selected in the dropdown menu.
- Status Bar:** Shows the current file is main.py - plugins-quickstart-main - Visual Studio Code, and the status Ln 96, Col 1 Spaces: 4 UTF-8 LF { Python 3.9.16 (python39:conda)

```
main.py - plugins-quickstart-main - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER main.py openapi.yaml
OPEN EDITORS
PLUGINS-QUICKSTART-M...
.main.py
.main.py > ...
4 import quart
5 import quart_cors
6 from quart import request
7
8 # Note: Setting CORS to allow chat.openai.com is only required when running a localhost plugin
9 app = quart_cors.cors(quart.Quart(__name__), allow_origin="https://chat.openai.com")
10 HOST_URL = "https://search.dip.bundestag.de"
11
12 @app.get("/members")
13 > async def get_members():
14
15 @app.get("/activities")
16 > async def get_activities():
17
18 @app.get("/protocols")
19 > async def get_protocols():
20
21 @app.get("/logo.png")
22 > async def plugin_logo():
23
24 @app.get("./.well-known/ai-plugin.json")
25 > async def plugin_manifest():
26
27 @app.get("/openapi.yaml")
28 > async def openapi_spec():
29
30 > def main():
31
32 > if __name__ == "__main__":
33
```

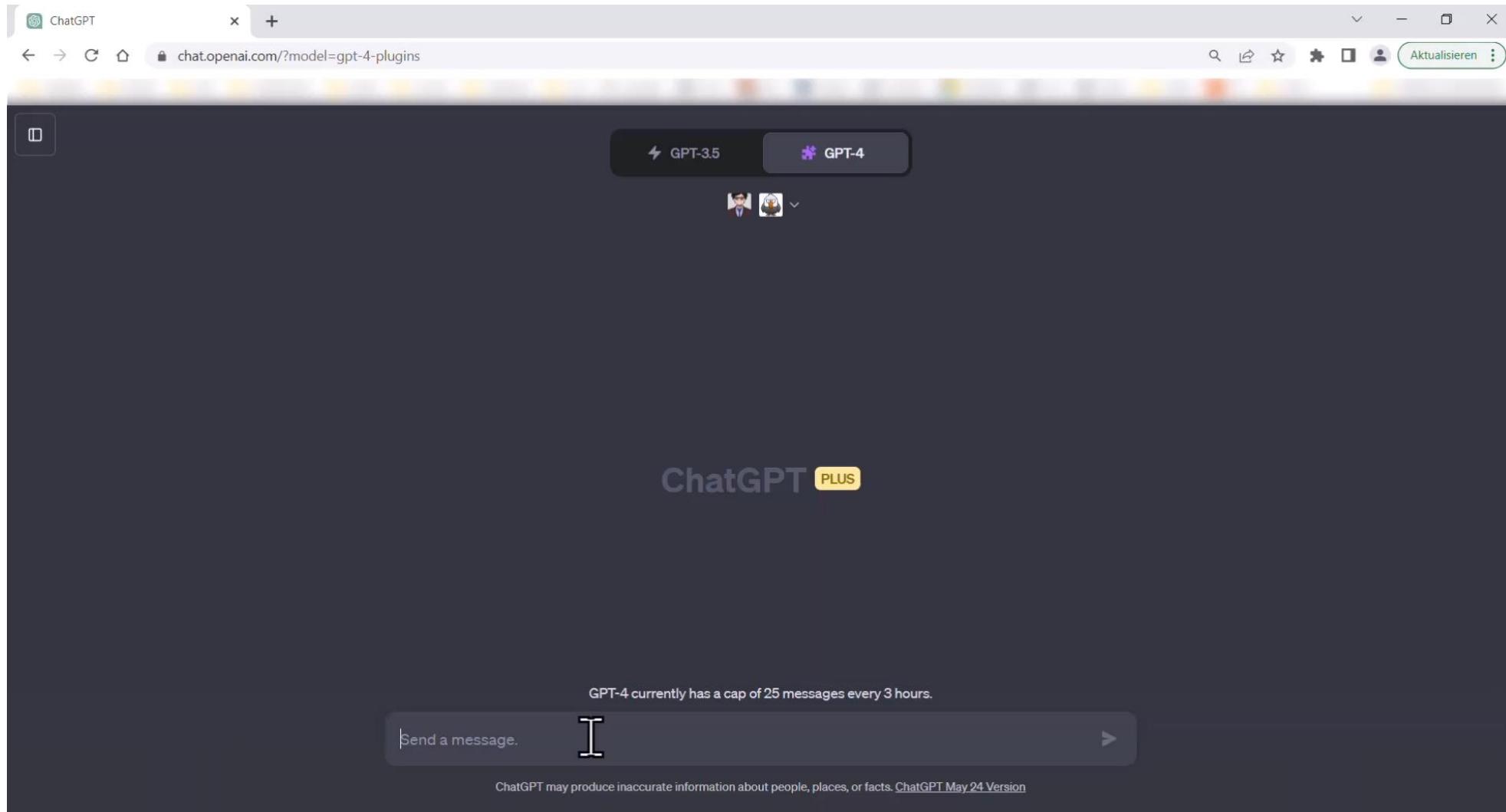
# ChatGPT plugin demo

## ask for protocols



# ChatGPT plugin demo

## ask for protocols & summarize



# ChatGPT plugin demo

ask for protocols & summarize

The screenshot shows the ChatGPT interface with a generated image and its description.

**Image:** A boy in bed counting sheep. The image shows a young boy lying in bed, smiling and raising his arms in excitement. Above him, several sheep are jumping over a red fence against a teal wall. The image is displayed in a window titled "ChatGPT".

**Description:**

A 10-year-old boy is happily counting sheep while lying in bed. The sheep are funny scientists jumping over a fence.

**Metadata:**

Bing Image Creator | 1024 x 1024 jpg | Vor 4 Minuten

**Actions:**

Teilen | Speichern | Herunterladen | Feedback

**Note:**

Erstellt mit KI

**Bottom Panel:**

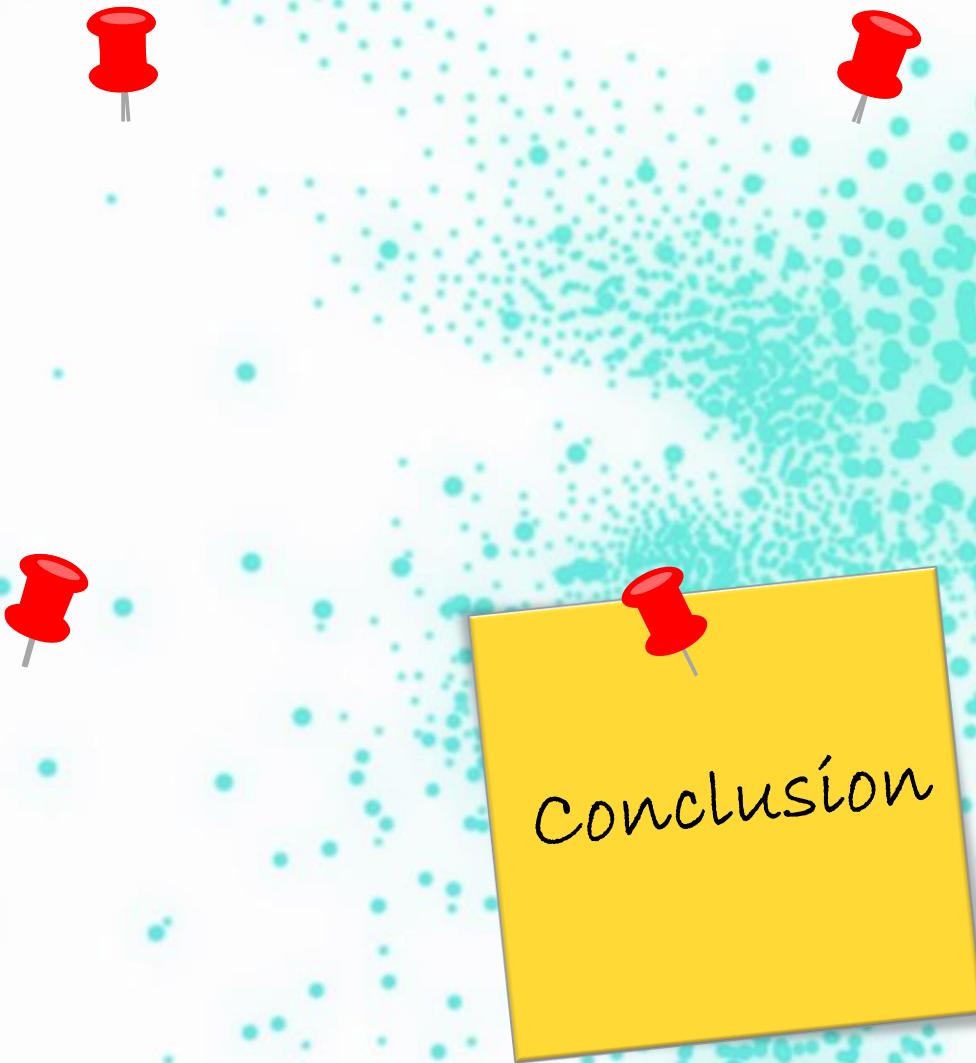
GPT-4 currently has a cap of 25 messages every 3 hours.

Send a message.  >

ChatGPT may produce inaccurate information about people, places, or facts. [ChatGPT May 24 Version](#)

# Table of contents

## Agenda



## Conclusion after all

- Some plugins can't be activated at the same time → Expedia/Kayak
- Max. 3 plugins can be active at the same time → Better: Just activate all
- A lot of plugins are not doing what they are offering
- **Description of the plugins is a mess**
- Best use cases when there are data sources with available REST API
- GPT-4 is really slow but much better results than GPT-3.5
- **Noteable is really cool.** Very excited about what Code-Interpreter can do! 
- Would like to create a C# plugin in the next time

# Thank you



# | Contact

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## Links

[Bundestags-API – swagger UI](#)

[Bundestags-DIP](#)

[Logo - Martin Berube](#)

[Logo - Bundestagsadler](#)

[Logo - ChatGPT](#)

[Heidi](#)

[Schwebebahn](#)

[Röntgen-Museum](#)

[Logo – BVB](#)

[Azure OpenAI-Studio](#)

[ChatGPT](#)

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