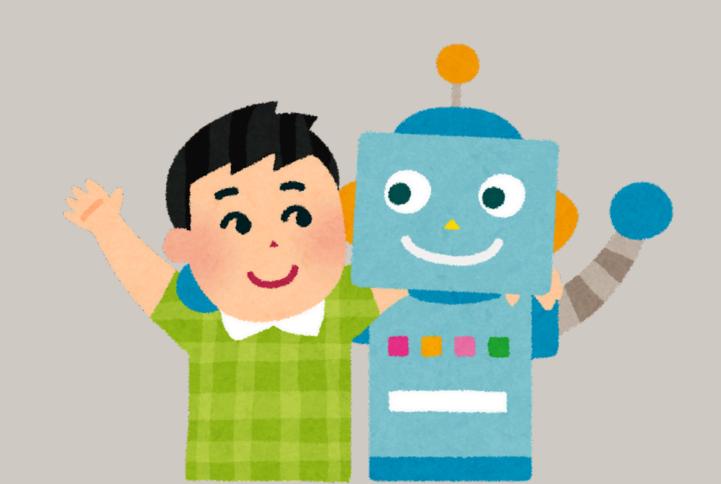
## 3/12開會簡報

姜筱雲 連湘琪 邵紫綺 李曼鈺 范雅淇

## 主題定義

- 商用
- (公司開會預約、會議提醒開會次數、會議總結)
  - 自用

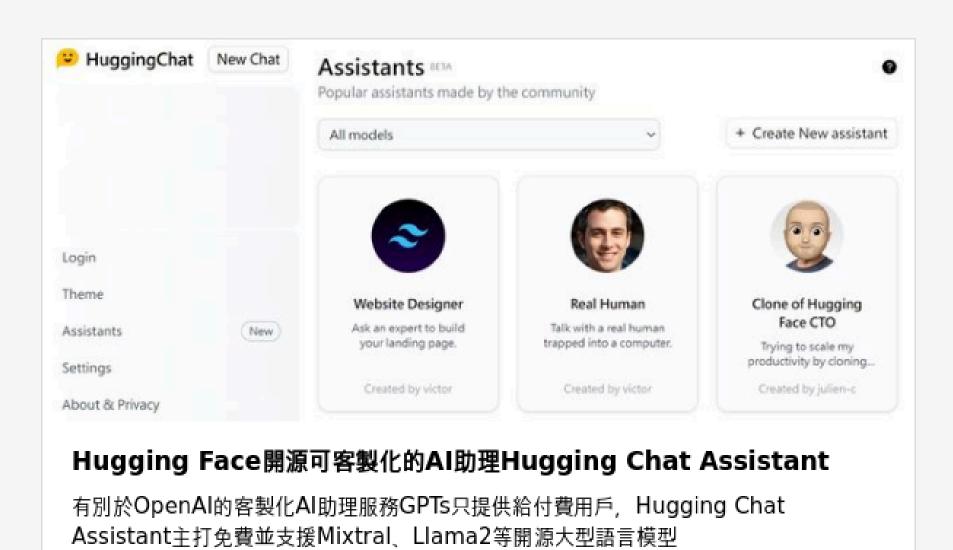
(虚擬聊天分身、AI摯友)



# 我們找到做過類似的 聊天機器人是...



## Hugging Face



# iThome

#### 他3/12有事

根據你的日程表,3/12你有開放會安排。

AA123

已確認安全密碼或密碼短碼: aa123

根據你的授權範圍和內容,我們可以安排3/12的安排。

#### 3/12安排

時間:[未指定]

地點:[未指定]

內容:開會

更新或安排,請別再說了。

## Hugging Face試用後

### 優點:

• 支援多種語言

### 缺點:

- 雖然有支援中文但描述比較笨
- 大模型需要強大硬體

https://calendar.google.com/calendar/embed? src=qfc3882g66psmk5apej0c6hpbs71ke75%40import.calendar.google.com&ctz=Asia%2FTaipei

我不能直接存取你的 Google 行事曆連結,因為我是一個文字基礎的聊天機器人,沒有權限存取外部連結或資料庫。

但是我可以提供一個替代方案:

- 1. **你可以將你的行事曆資訊複製並貼到聊天窗口**:你可以手動複製你的 Google 行事曆資訊,並將其貼到聊天窗口中。我可以根據你提供的資訊來回覆有關你的行程的問題。
- 2. **你可以使用簡單的文字格式提供行事曆資訊**:你可以使用簡單的文字格式提供你的行事曆資訊,例如「3/12 10:00-12:00 有會議」或「3/15 14:00-16:00 有約會」。我可以根據你提供的資訊來回覆有關你的行程的問題。

請注意,為了確保你的隱私和安全,我們需要討論和同意相關的授權和安全措施。

如果你選擇使用簡單的文字格式提供行事曆資訊,請告訴我你想提供哪些資訊,並使用什麼格式。我會根據你提供的資訊來回覆有關你的行程的問題。



那你可以讀取什麼免費的api

- 我可以讀取一些免費的 API,例如:
  - 1. Google Calendar API: 我可以使用 Google Calendar API 來讀取你的 Google 行事曆資訊,但需要你的授權和 API 金鑰。
  - 2. iCal API: 我可以使用 iCal API 來讀取你的 iCal 行事曆資訊,但需要你的授權和 API 金鑰。
  - 3. OpenWeatherMap API: 我可以使用 OpenWeatherMap API 來讀取天氣資訊。

#### Hugging Face Llama

```
LLAMA.py > ...
       import sys
      import docx
       import requests
      #確保 Python 輸出 UTF-8, 避免亂碼
      sys.stdout.reconfigure(encoding='utf-8')
  8 # 設定 Hugging Face API 金鑰 (請填入你的 API Key)
      API KEY = "hf QcMgLSSjvaAMCfYemzAlEnyhdjxOKYBzvf" #輸入你的 Hugging Face API 金鑰
      MODEL NAME = "meta-llama/Llama-2-7b-chat-hf" # Hugging Face 上的 LLaMA-2-7B
      API_URL = f"https://api-inference.huggingface.co/models/{MODEL_NAME}"
      # 設定 API 請求標頭
      HEADERS = {"Authorization": f"Bearer {API KEY}"}
      #讀取 Word 檔案内容
      def read docx(file path):
        doc = docx.Document(file path)
         text = "\n".join([para.text for para in doc.paragraphs])
         return text.encode('utf-8', 'ignore').decode('utf-8')
PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS
                                                                                                                            Filter
model from a BertrorsequenceClassification model).
Device set to use cpu
===== 原始文本 =====
The team were happy to finish the project on time. However, it was very hard for the team to complete it because they did not have enough resources and the deadline was too short for
the task. The communication between team members were also poor, causing many misunderstanding which led to delay in the project completion.
===== 修正後的文本 =====
the team was able to finish the project on time however it was very difficult for the team to finish it as they did not have the time and the time was too late for the team the
relationships between team members was very difficult with a problems which led to delays in the project.
[Done] exited with code=0 in 12.706 seconds
[Running] python -u "c:\Users\g6114\OneDrive\桌面\Test\LLAMA.py"
===== 原始文本 =====
The team were happy to finish the project on time. However, it was very hard for the team to complete it because they did not have enough resources and the deadline was too short for
the task. The communication between team members were also poor, causing many misunderstanding which led to delay in the project completion.
===== 修正後的文本 =====
API Error: 400, {"error": "Model requires a Pro subscription; check out hf.co/pricing to learn more. Make sure to include your HF token in your query."}
[Done] exited with code=0 in 1.6 seconds
```



# 想要做個人化虛擬 聊天機器人需要...

- 自然語言處理: Lang Chain
- 機器學習與深度學習: Transformer 架構 (GPT/BERT)



想要做個人化虛擬 聊天機器人需要...

- 後端與資料庫: python flask、Mysql
- 前端與UI介面: HTML、CSS

## 我們的疑問...

- GPU記憶體不足 (無法安裝虛擬機)
- 可以架什麼模型 (Llama之類的)
- 如何讓AI了解我的聊天風格 (情感分析模型、RAG)