

Nestle HR Chat Bot

1 Chatbot Physical Interface Using Gradio

The screenshot displays a JupyterLab environment with a file browser on the left and a code editor in the center. The file browser shows a directory named 'Final Project' containing files like 'Nestle Fin...' and 'NESTLE_H...'. The code editor is open to a file named 'Nestle Final Project.ipynb'. The notebook content includes a text block about a share link expiration and a Gradio interface for the 'Nestle HR Policy Assistant'. The Gradio interface has a title, a description, and a large text input area. A yellow circle with a hand icon highlights the input area. At the bottom right, there is a 'Folge.me' badge. The JupyterLab status bar at the bottom indicates 'Simple' mode, 'Python 3 [3.10]', and 'Busy'.

jupyterlab jupyter

\$2.9912 11:36 Used 0 of 50 hours in Jun, 2025 End Lab Reset

File Edit View Run Kernel Tabs Settings Help

Filter files by name

/ work / Final Project /

Name	Last Modified
Nestle Fin...	seconds ago
NESTLE_H...	4 hours ago

Nestle Final Project.ipynb

This share link expires in 1 week. For free permanent hosting and GPU upgrades, run `gradio deploy` from the terminal in the working directory to deploy to Hugging Face Spaces (<https://huggingface.co/spaces>)

Nestle HR Policy Assistant

Ask me anything about Nestle's HR policies and procedures. I'm here to help you find the information you need quickly and accurately.


[]:

Folge.me


Simple 0 1 Python 3 [3.10] | Busy Mode: Edit Ln 8, Col 46 Nestle Final Project.ipynb


2 Buttons



buttons for sending the message, clearing the chat, and example questions for the chatbot to help the user start with the chatbot.



Ask me about Nestle's HR policies (e.g., 'What is the leave policy?', 'How do I apply for maternity leave?')

Send 

Clear Chat 

  Try these example questions:

What is Nestle's vacation policy?

How do I request time off?

What are the working hours?

Tell me about employee benefits

What is the dress code policy?

How do I report workplace issues?



3 Click "What is Nestle's vacation policy?"

Using one of the question buttons to send the question to the text box

What is Nestle's vacation policy?

Send 

☰  Try these example questions:

What is Nestle's vacation policy?

How do I request time off?

What are the

Tell me about employee benefits

What is the dress code policy?

How do I

[]:




Folge.me


4 Click "Send" Button

Sending the question to the Chatbot

What is Nestle's vacation policy?

Send 

Clear Chat 

☰  Try these example questions:

What is Nestle's vacation policy?

How do I request time off?

What are the working hours?

Tell me about employee benefits

What is the dress code policy?

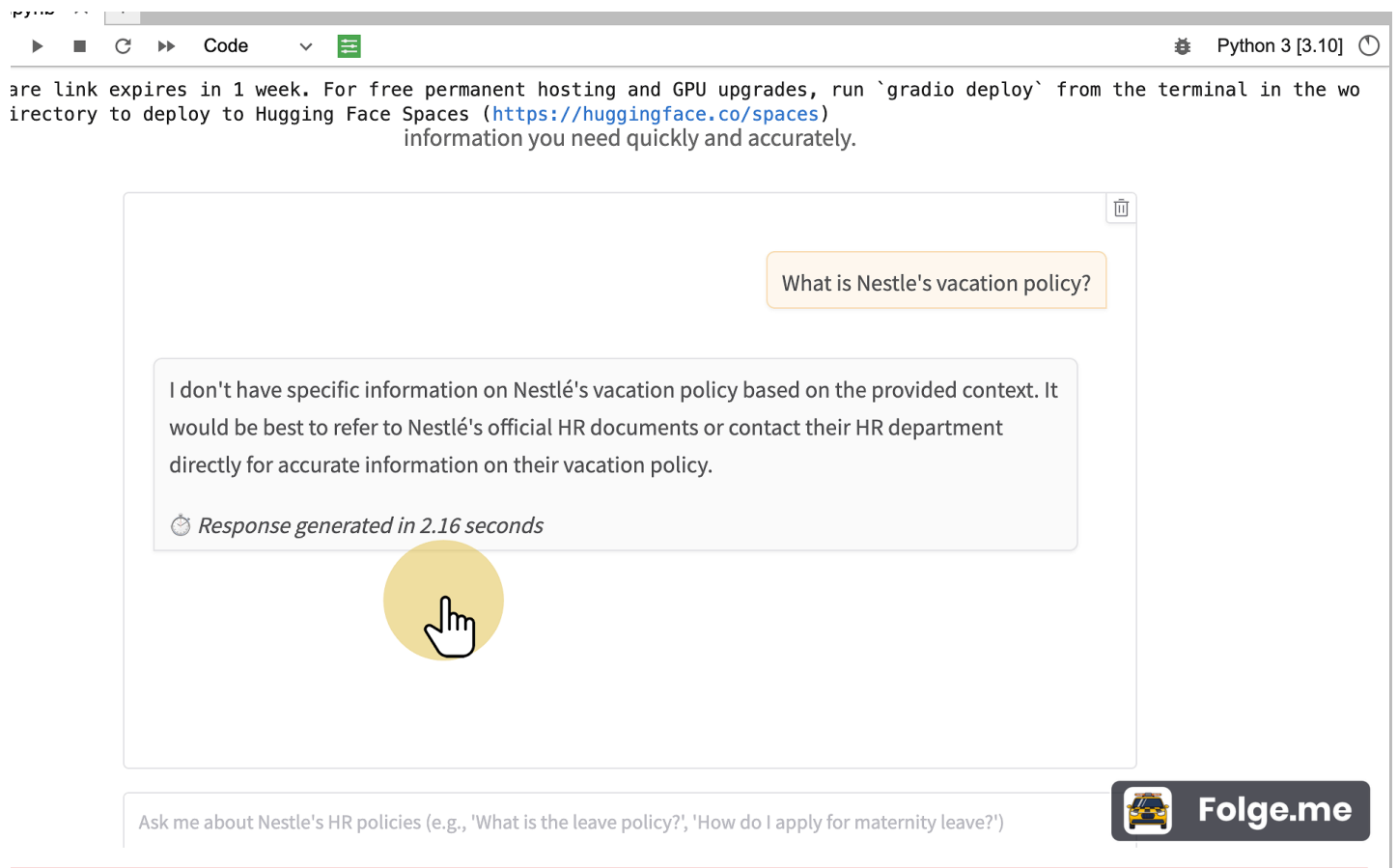
How do I report workplace



Folge.me

5 Chatbot conversation started

The chatbot confidently addressed the question regarding the vacation policy, even though it is not included in the document. Therefore, it remains well within the scope of the policy document.




The screenshot shows a Jupyter Notebook interface with a terminal window at the top displaying code for deploying a model to Hugging Face Spaces. Below the terminal is a chatbot interface. The user's question, "What is Nestle's vacation policy?", is shown in an orange bubble. The chatbot's response, "I don't have specific information on Nestlé's vacation policy based on the provided context. It would be best to refer to Nestlé's official HR documents or contact their HR department directly for accurate information on their vacation policy.", is shown in a grey bubble. Below the response, a yellow circle with a hand icon indicates a click. At the bottom, a prompt asks the user to ask about Nestle's HR policies. A "Folge.me" button is in the bottom right corner.


```
are link expires in 1 week. For free permanent hosting and GPU upgrades, run `gradio deploy` from the terminal in the wo  
irectory to deploy to Hugging Face Spaces (https://huggingface.co/spaces)  
information you need quickly and accurately.
```

What is Nestle's vacation policy?

I don't have specific information on Nestlé's vacation policy based on the provided context. It would be best to refer to Nestlé's official HR documents or contact their HR department directly for accurate information on their vacation policy.

 Response generated in 2.16 seconds


Ask me about Nestle's HR policies (e.g., 'What is the leave policy?', 'How do I apply for maternity leave?')

 Folge.me

6 Click another default question

Ask me about Nestle's HR policies (e.g., 'What is the leave policy?', 'How do I apply for maternity leave?')

Send 

Clear Chat 

  Try these example questions:

What is Nestle's vacation policy?

How do I request time off?

What are the working hours?

Tell me about employee benefits

What is the dress code policy?

How do I report workplace issues?

```
55/3825980550.py:12: LangChainDeprecationWarning: The method `Chain.__call__` was
oved in 1.0. Use :meth:`~invoke` instead.
er_chain(message)
```




Folge.me

7 Click "Send"

How do I request time off?

Send 



Clear Chat 

☰  Try these example questions:

What is Nestle's vacation policy?

How do I request time off?

What are the working hours?

Tell me about employee benefits

What is the dress code policy?






How do I report workplace issu



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el_65/3825980550.py:12: LangChainDeprecationWarning: The method `Chain.__call__` w
removed in 1.0. Use `meth.__invoke__` instead

8 Chatbot answering the question

   Code  


Pyth

link expires in 1 week. For free permanent hosting and GPU upgrades, run `gradio deploy` from the terminal or try to deploy to Hugging Face Spaces (<https://huggingface.co/spaces>)


 Response generated in 2.16 seconds


How do I request time off?


To request time off, you should typically follow your company's specific procedures. You can start by checking your employee handbook or company policies to see if there is a specific process outlined for requesting time off. If there is no specific guidance provided, you can reach out to your HR department or your direct supervisor to inquire about the process for requesting time off.

 Response generated in 2.5 seconds

Ask me about Nestle's HR policies (e.g., 'What is the leave policy?', 'How do I apply for maternity leave?')

Send 

Clear Chat 

 Folge.me

9 Click "Send"


reach out to your HR department or your direct supervisor to inquire about the process for requesting time off.



 *Response generated in 2.5 seconds*

what is the Rewards Program?

Send 



Clear Chat 

  Try these example questions:

What is Nestle's vacation policy?

How do I request time off?

What are the working hours?

```
5/3825980550.py:12: LangChainDeprecationWarning: The method `Chain.__call__` was d
ved in 1.0. Use :meth:`~invoke` instead.
r_chain(message)
```



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10 Final Answer

what is the Rewards Program?

The Rewards Program mentioned in the context is likely a program implemented by Nestlé that focuses on providing differentiated rewards and development opportunities to employees. It is designed to help individuals achieve their personal and business objectives by offering various incentives and growth opportunities. The program is not just about rewards but also about ongoing development and commitment to employee growth and contribution.

 *Response generated in 2.0 seconds*

Ask me about Nestle's HR policies (e.g., 'What is the leave policy?', 'How do I apply for maternity leave?')

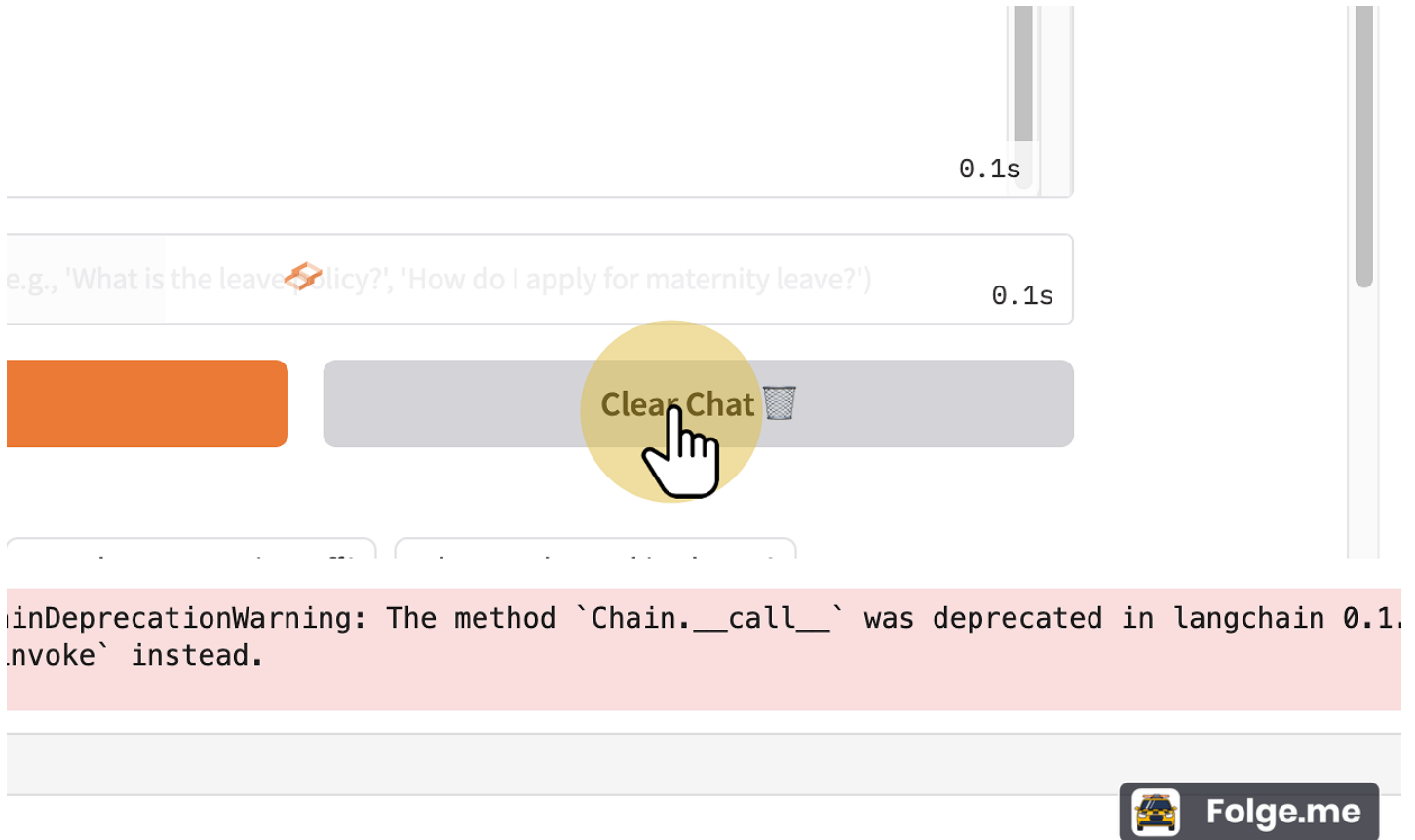
Send 

Clear Chat 



Folge.me

11 Clearing the chat with "Clear Chat" Button

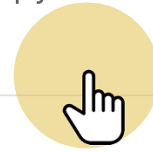


12 Chatbox it's clear

rectory to deploy to Hugging Face Spaces (<https://huggingface.co/spaces>)

NESTLE HR POLICY ASSISTANT

Ask me anything about Nestle's HR policies and procedures. I'm here to help you find the information you need quickly and accurately.



13 Bottom messages for the user

💡 Try these example questions:

What is Nestle's vacation policy?

How do I request time off?

What are the working hours?

Tell me about employee benefits

What is the dress code policy?

How do I report workplace issues?

🤖 Powered by OpenAI GPT-3.5 Turbo & LangChain | Built with ❤️ using Gradio for AGS Advances Generative AI: Building Applications

📄 This assistant is trained on Nestle's HR Policy Document (2012)

Use via API 🐦 · Built with Gradio 🍷 · Settings ⚙️

```
825980550.py:12: LangChainDeprecationWarning: The method `Chain.__call__` was deprecated in
  in 1.0. Use :meth:`~invoke` instead.
chain(message)
```

