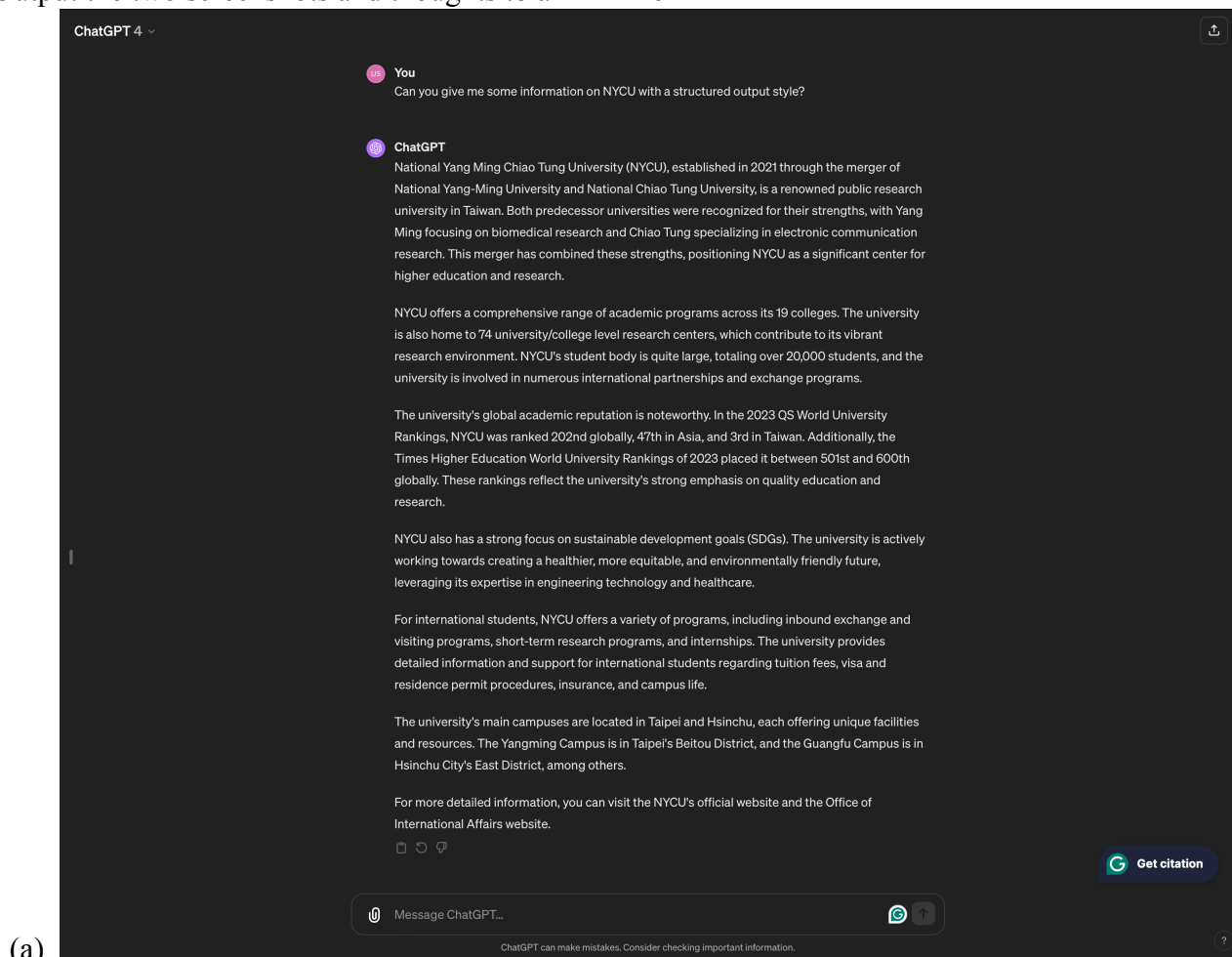


1 Exercise 1

1. Write out the things you think ChatGPT Can-Do and Cannot-Do

我認為 ChatGPT 可以回答一些比較一般性的問題，例如：數學或程式上的問題、圖片生成、資料整理等等。而它不能回答的問題則是像有關情感、未來事件預測（如股價、天氣預報等）、個人資訊搜集等等。另外使用 ChatGPT 也不能保證答案的準確性，因此還是需要人類對答案進行驗證，因此取代人類應也非 ChatGPT 能做到的事之一。

2. Output the two screenshots and thoughts to a PDF file



(b)

ChatGPT 4

You

Compare the advantages and disadvantages of OpenAI ChatGPT and Meta ChatGPT.

ChatGPT

OpenAI's ChatGPT and Meta's chatbot (assuming you're referring to Meta's language models, as they haven't released a product specifically named "Meta ChatGPT") both represent advanced developments in the field of natural language processing and generation. Here's a comparison of their advantages and disadvantages, based on general knowledge up to April 2023:

OpenAI's ChatGPT

Advantages

- Advanced Conversational Abilities:** ChatGPT, especially in its latest iterations, is known for its sophisticated conversational skills, capable of maintaining context and engaging in nuanced dialogue.
- Large Knowledge Base:** It's trained on a vast corpus of text, allowing it to provide information on a wide range of topics.
- Regular Updates:** OpenAI frequently updates ChatGPT, improving its performance and capabilities.
- Wide Application:** It's used in various applications, from customer service to content creation.
- Ethical Guidelines:** OpenAI places emphasis on ethical AI development, aiming to mitigate risks such as misinformation or bias.

Disadvantages

- Limited Real-Time Information:** ChatGPT's knowledge is limited to its training data, lacking real-time updates.
- Potential for Bias:** Despite efforts to reduce it, there can still be biases in responses due to the nature of the training data.
- Occasional Inaccuracies:** It might provide incorrect or outdated information.
- Dependence on Data Quality:** The quality of output is heavily dependent on the quality of the training data.
- Resource Intensive:** The development and operation of such models require significant computational resources.

Meta's Language Models (e.g., BlenderBot)

Advantages

- Innovative Approaches:** Meta has been at the forefront of experimenting with different model architectures and training methods.
- Integration with Meta Platforms:** These models can be better integrated with Meta's ecosystem, like Facebook and Instagram, for tailored applications.
- Research-Oriented:** Meta often approaches AI development with a strong focus on academic research, contributing to the field's advancement.
- Real-Time Data Integration:** Some of Meta's models are designed to integrate real-time data for more current responses.
- Diverse Applications:** Meta's models are also versatile, used for a range of applications within its extensive network.

Disadvantages

- Privacy Concerns:** Given Meta's business model, there are often concerns about user data privacy and how it's used in training and deploying these models.
- Commercial Focus:** Some may argue that Meta's AI developments could be more commercially driven, potentially impacting the direction of research and development.
- Limited Access for Developers:** There might be more restrictions on accessing and utilizing Meta's AI models compared to OpenAI's more open approach.
- Integration Complexity:** Integrating these models into existing Meta platforms can be complex and may lead to issues related to user experience or data management.
- Public Perception:** Meta's public image and controversies might affect the reception and trust in their AI technologies.

Conclusion

Both OpenAI's ChatGPT and Meta's language models have their unique strengths and weaknesses. OpenAI's ChatGPT excels in conversational AI and ethical development, while Meta's models are known for innovative approaches and integration with their ecosystem. The choice between them would depend on specific needs, ethical considerations, and application contexts.

Get citation

Message ChatGPT...

ChatGPT can make mistakes. Consider checking important information.

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