

ChatGPT versus Bard: An analysis and update

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Abstract

Bard and ChatGPT are both large language models, but they have some key differences. In this paper we explore the same.

Introduction

ChatGPT and Bard are both large language models, also known as conversational AI or chatbot trained to be informative and comprehensive. They are trained on a massive amount of text data and are able to communicate and generate human-like text in response to a wide range of prompts and questions. For example, they can provide summaries of factual topics or create stories.

ChatGPT is a large language model chatbot developed by OpenAI. It is trained on a dataset of 300 billion words and is able to communicate and generate human-like text in response to a wide range of prompts and questions. ChatGPT is known for its ability to generate creative text formats of text content, like poems, code, scripts, musical pieces, email, letters, etc.

Bard is a large language model chatbot developed by Google AI. It is trained on a massive dataset of 1.56 trillion and is also able to communicate and generate human-like text in response to a wide range of prompts and questions. Bard is known for its ability to generate comprehensive and informative text, and to answer questions in a comprehensive and informative way [1]. Although Bard and ChatGPT are both large language models, but they have some key differences.

Data

Bard is trained on a massive dataset of text and code, while ChatGPT is trained on a smaller dataset of text. This means that Bard has access to a wider range of information and can generate more comprehensive and informative responses.

Access to the internet

Bard has access to the internet in real time, while ChatGPT does not. This means that Bard can generate responses that are up-to-date and relevant to the current moment.

Accuracy

Table 1: Summarizes the strengths and weaknesses of Bard and ChatGPT

Feature	Bard	ChatGPT
Informational	Better	Worse
Creative	Worse	Better
Conversational	Worse	Better
Answering questions	Better	Worse

Bard is generally more accurate than ChatGPT because it is connected to internet in real-time. This is because Bard has access to a wider range of information and can generate responses that are more comprehensive and informative.

Creativity

ChatGPT is generally more creative than Bard. This is because ChatGPT is trained on a dataset of text that is more creative in nature.

Conversational ability

Bard is generally better at carrying on conversations than ChatGPT. This is because Bard is trained on a dataset of text that is more conversational in nature.

Overall

Bard is a more comprehensive and informative language model than ChatGPT. However, ChatGPT is more creative and conversational. Ultimately, the best language model for you will depend on your specific needs.

Conclusion

Ultimately, which language model is better depends on the specific task at hand. If you need to generate text that is informative and engaging, then Bard is the better option. If you need to generate text that is creative and original, then ChatGPT is the better option. If you need to answer questions in a comprehensive and informative way, then Bard is the better

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option. If you need to generate text that is conversational and engaging, then ChatGPT is the better option [2].

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Declarations

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Ethical Approval: This study does not include any individual-level data and thus does not require any ethical approval.

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