

Model Card for NRS6 673: Writing for Scholarly Projects

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Model Card: Write a New Policy

Model Details

Developed by: [OpenAI]

Model type: [ChatGPT, Computer Vision Model]

Version: V2version of API [Version number]

Last updated: [04/2024]

- **Model Name:** ChatGPT 4o[Model Name]
- **Model Type:** [e.g., Transformer, CNN, etc.]
- **Version:** [e.g., 1.0]
- **Release Date:** [2024-04]
- **License:** [e.g., MIT, Apache 2.0]
- **Authors:** [Jean Arthur-Sellegren]

Intended Use

Create a new Policy Statement via Chat GPT that aligns with best practices in the clinical setting.

Usage Guidelines

- **Best Practices:** Create an Open AI account, avoid any personal information, especially patient information, and follow assignment.
- **How to Cite:** OpenAI. (2024). *ChatGPT* (Apr 2024 version) [Large language model]. <https://chat.openai.com/chat>

Training Data

- **Dataset(s):** [Names or descriptions of datasets used]
- **Data composition:** [Brief overview of data types, sources, and diversity]
- **Preprocessing:** [Any significant data cleaning or preprocessing steps]

Performance and Limitations

Performance Metrics

- [Metric 1]: Perplexity Score, F1 Score, and BLEU Score. Benchmarking against pre-existing datasets that mirror real-world conversations allows for a more accurate assessment of the model's capabilities.

- [Metric 2]: [Score]
- [Metric 3]: [Score] limited context, limited memory, limited medical language

Known Limitations

- [Limitation 1] Potential bias
- [Limitation 2] florid language
- [Limitation 3] **GPT-4** has a **limit** of 40 messages every 3 hours
- [Limitation 4] limited context, limited memory, limited medical language

Ethical Considerations

- **Bias:** cost,
- **Privacy:** privacy implications
- **Environmental impact:** [Goldman Sachs has researched the expected growth of data centers in the U.S. and estimates they'll be using 8% of total power in the country by 2030, up from 3% in 2022.

Technical Specifications

- **Model Architecture:** GPT-4o uses a transformer-based architecture with decoder-only design. It employs self-attention mechanisms and has been optimized for multimodal capabilities, including text, images, and audio processing.
- **Parameters:** The exact parameter count is not publicly disclosed by OpenAI, but it's believed to be comparable to or larger than GPT-4, which is estimated to have hundreds of billions of parameters.
- **Input:** Text prompts, images, and audio. The model can process and understand content from multiple modalities simultaneously.
- **Output:** Text responses, with capabilities to analyze and discuss visual content and audio input. The model can reason across these modalities in its responses.

Additional Information

- **License:** Proprietary, available through OpenAI's commercial API and subscription services.
- **Contact:** For support or inquiries, users can contact OpenAI through their help center at <https://help.openai.com> or through their official website.
- **Citation:** OpenAI. (2024). *GPT-4o* [Large multimodal model]. <https://openai.com/gpt-4o>

Version History

- v1.0 (2024-05): Initial public release of GPT-4o
- v1.1 (2024-06): Performance improvements and expanded API capabilities

Acknowledgements and Citation Guidance

GPT-4o was developed by OpenAI's research team, building upon their previous language models. The development was supported by Microsoft as a major investor and strategic partner. OpenAI is currently valued at \$29 billion, and the company has raised a total of \$11.3B in funding over seven rounds so far. When citing GPT-4o in academic or professional contexts, users should reference OpenAI as the developer and include the version of the model used.

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