

" Metaphor Assessment Questions "

Title: Research Paper Summarizer Using OpenAI and
Metaphor API

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ASSESSMENT QUESTIONS

Brief Explanation And How The Project Is Built: The project is an advanced research assistance tool powered by OpenAI's GPT-3.5 Turbo and integrated with the Metaphor API. It allows users to efficiently explore and summarize research papers in a given domain.

Key Features:

- **Research Query Generation:** Users can input their research topic and desired timeframe, and the system generates a precise search query using GPT-3.5 Turbo.
- **Research Paper Search:** Utilizing the Metaphor API, the tool conducts a thorough search for recent research papers related to the specified topic and timeframe.
- **Display of Research Papers:** The tool presents a well-organized list of research papers, including titles, URLs, and indexes, allowing users to quickly access and choose papers of interest.
- **Paper Summarization:** Users can select a research paper and receive a succinct summary, with the content wrapped at 100 characters per line for readability.
- **Future Enhancements:** The project roadmap includes plans for advanced features such as keyword extraction, named entity recognition, interactive visualizations, multi-language support, PDF parsing, sentiment analysis, and user authentication for a personalized experience.

The project is a research assistance tool powered by OpenAI and integrated with the Metaphor API. It allows users to efficiently explore and summarize research papers in a given domain. Utilizing the Metaphor API, the tool conducts a thorough search for recent research papers (which isn't possible using OpenAI) related to the specified topic and timeframe. The tool then presents a well-organized list of research papers, including titles, URLs, and indexes, allowing users to quickly access and choose papers of interest. Although there are various improvements to be made to make the project more interactive and efficient as of now it is capable of providing a brief summary of research papers.

Challenges - Feedback Regarding API: While building the project I literally enjoyed using the Metaphor API and seeing it in action to fetch the research papers was something that revealed the potential of what LLMs coupled with real-time access to the information present on the internet are capable of doing. The drawback that I can think of as of now is that with access to so much information, it will become difficult for the LLM to distinguish between rights and wrongs until a proper DeepFake architecture is set in place to maintain the integrity and quality of data.

Why I'm Interested in Working At Metaphor: I am drawn to working at Metaphor because of the dynamic and innovative environment that it offers. Being at the forefront of advancements in LLMs presents a unique opportunity to contribute to cutting-edge technologies and make a meaningful impact. I like working in a startup culture because it provides an individual with lots of learning both in terms of professional as well as personal aspects.