

Qualitative Feedback for Energy Moonshot Platform

Energy Moonshot AI is an innovative platform powered by Large Language Models (LLM). We are currently evaluating two models to enhance our response generation capabilities:

- **Model A:** An LLM-based semantic search model.
- **Model B:** An LLM-based semantic search model enriched with knowledge graph facts.

After reviewing 20 queries and their responses from both models, you've seen the potential outcomes of each approach.

The following questions are designed to gather your feedback on the overall performance of the LLM platform and the effectiveness of each model. Please use your observations and experiences from the evaluations you've conducted to answer these questions.

Question 1: How do you feel the platform can contribute to advancing sustainable development in the energy sector? Can you provide an example or outcome?

The ability to get a swift response and get the references also will contribute considerably in decreasing the time for information retrieval. This will resultantly contribute in the advancement of sustainable development in the energy sector.

Question 2: Would you use the platform to assist you in daily tasks? Give a reason for your answer.

I would use the platform to assist me in my day to day tasks of information gathering and searching for the documents along with their references.

Question 3: Were the responses of the platform up to your expectations? Briefly explain.

So, the platform was quite fast and accurate in answering to my query. My earlier expectations were that it would require some time for the platform to get mature. But to my surprise, it was quite stable enough.

Question 4: Do you trust the responses of the platform as much as your manual analysis? Briefly explain your answer.

As a person I do not 100 % trust the reponses generated by AI based platforms. I always view them with some skepticism. Even though, if I am employing some LLM to get my job done. I would still cross check with some manual analysis, even for a smaller chunk

Question 5: How would you rate the accuracy of **Model A** and **Model B** in handling domain-specific queries? Were there noticeable differences in factual correctness of these models?

For my Model B was more efficient in handling the domain specific queries. Model A produces rather general reponses. Whereas, Model B provided the results with more clarity and details. As I was looking for more detailed and specific results that is why I prefer Model B.

Question 6: In your evaluation, which model demonstrated a better understanding of the context within the domain-specific data? Give a reason.

In my experience, Model B demonstrated better understanding of the context within the domain specified data. This is because the response generated by Model B provided more specific results.

Question 7: In your opinion which model (**Model A** or **Model B** or both) can be more helpful for informed decision making in field of sustainable energy? Briefly explain.

In my opinion both models help out in the informed decision making in the field of sustainable energy. This is because they contribute in decreasing the search time for information search and retrieval.

Question 8: Did you notice any qualitative differences in the way each model generated responses for queries?

One model was quite fast in generating the responses. Whereas the other one was relatively slower in generating the response.

Question 9: In your opinion, what are the main challenges and concerns regarding the use of Moonshot AI platform in sustainable energy?

In my opinion, the challenges are still there in the Language Learning Models. I believe it is going to require some time from the people from actually getting used to it and employing it in their day-day life.

Question 10: Are there any ethical or social concerns associated with using the platform in the context of sustainable development? How is the platform addressing these concerns?

The non ethical use and socially harmful aspect totally depends on the subjective use of the platform. In my opinion, the platform helps the person with required information and documentation along with the references. This helps in countering the intellectual theft in some manner.

Question 11: Based on your experience, what improvements or enhancements would you recommend for the platform's performance and contribution to sustainable development?

To me the experience was fine. I would not refer any improvements.