

Evaluator: Tural Mehtiyev

Submitter: Ryan Gross

Date: 03.06.2023

I evaluated research proposal based on the following criteria:

- **Clarity of Proposal:** I looked for a clear and concise explanation of your proposed research, its significance, and how you plan to conduct it.
- **Feasibility:** I assessed if the research can realistically be conducted within your proposed time (11 weeks) constraints.
- **Relevance:** I examined the relevance and significance of the research to the field, along with potential implications.
- **Methodology:** I checked if the proposed methods are scientifically sound, appropriate for your research question, and clearly explained.
- **Potential Impact:** I evaluated how well your proposal explains who would benefit from the research and how.

Here are my feedback and suggestions:

Strong Points:

- Clarity of Proposal: Your proposal is well-written and organized. You've clearly stated the goals, current limitations, proposed improvements, and potential benefits of your project.
- Relevance: You've adequately explained the relevance of your research. If successful, your project could significantly enhance vessel trajectory prediction and broaden our understanding of the potential uses of large language models.
- Potential Impact: You've clearly identified the potential impacts of your research, which include benefits not only for researchers and the wider machine learning community, but also practical applications for the US Coast Guard, US Navy, and other law enforcement agencies.

Areas for Improvement:

- Methodology: While the general approach is outlined, the **specific steps, techniques, and tools** need to be more clearly described. More information about **how the models will be trained, what data will be used, and how results will be evaluated** is needed to provide a comprehensive understanding.
- Feasibility: Although the feasibility of your proposal is mostly evident, **providing a more detailed elaboration on potential roadblocks** would make it even stronger. Given the complexity of the project, it would be beneficial to reconsider if the proposed 11-week timeline is realistic.

In summary, your proposal is well-constructed and introduces a novel idea, offering potential benefits to various stakeholders. However, a more detailed methodology and a realistic assessment of potential challenges and timelines would further improve it.

I trust this feedback will be useful for your research journey, and I look forward to seeing how your project progresses.