

Machine Learning Engineering Career Track

Capstone: Project Proposal

Phase 1 Step 2

Learning Objective

- Choose one executable project out of the three submitted project ideas.
- Write a proposal that identifies a real-world problem and an approach to solve it.

| Criteria | Meets Expectations |
|---------------------------|---|
| Time Estimate | 2 - 4 hours |
| Completion | <input type="checkbox"/> 1 - 2 page Google document (commentable by mentor) |
| Process and understanding | <input type="checkbox"/> The submission demonstrates that the student has articulated a problem statement that is within the scope of this course. <input type="checkbox"/> The submission demonstrates that the student has selected a problem with a dataset that is relatively clean, easy-to-use, and within the scope of this course. <input type="checkbox"/> The submission demonstrates the student's ability to justify the need for a significant problem to solve. <input type="checkbox"/> The submission includes a well-thought-out estimate (developed in collaboration with the mentor) of the computational resources that might be required for this project. |
| Presentation | <input type="checkbox"/> The proposal is clear and follows a logical flow in stating the problem to be addressed and the data to be utilized. |

Excellence: The above criteria were met and the submission focuses on a novel problem, perhaps leveraging the student's domain expertise. The student posts their submission to the student community for feedback.



For reference, review how this interim step fits into the overall [Capstone Project Rubric](#).