

Data Science Course: Capstone Project 1

Capstone Project : Project Proposal

Learning Objective

- Narrow down from the list of three project ideas to one executable project.
- Write a proposal that identifies a real-world problem and an approach to solve it.

Criteria	Meets Expectations
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 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 scope. <input type="checkbox"/> The submission demonstrates the student is able to justify a significant problem to solve for a realistic client (even if the client is imaginary or hypothetical). <input type="checkbox"/> The submission includes a strong justification of how the client can utilize the outcomes of the project.
Presentation	<input type="checkbox"/> The proposal is clear and follows in logical flow in stating the problem to be addressed and the data to be utilized.

Excellence: The above criteria was met and the submission includes a real data set/client or will focus on a novel problem, perhaps leveraging the students domain expertise. The student posts their submission to the student community for feedback.

For reference, review how this interim project fits into the [Overall Capstone Project 1 Rubric](#).