



Data Science Career Track

Capstone Two: Project Proposal

Project Steps

Time Estimation: 2-4 Hours

Finalize one of your capstone ideas based on the feedback you've received and discussions you've had with your mentor. Create a Google Doc and use the steps you learned in the Problem Identification unit to develop answers to each of the bullets listed below:

Problem Identification

- Problem statement formation
- Context
- Criteria for success
- Scope of solution space
- Constraints
- Stakeholders
- Data sources

Here are some questions to consider to help you get started:

- What is the problem you want to solve?
- Who is your client and why do they care about this problem? In other words, what will your client do or decide based on your analysis?
- What data are you using? How will you acquire the data?

- Briefly outline how you'll solve this problem. Your approach may change later, but this is a good first step to get you thinking about a method and solution.
- What are your deliverables? Typically, this includes code, a paper, or a slide deck. For this capstone, the deliverables include:
 - A GitHub repo containing the work you complete for each step of the project, including:
 - A slide deck
 - A project report