



FourthBrain

MLE Student Capstone Proposal

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Industry Sponsor	

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AI Product/Capstone Project Description

Problem

[Write a succinct statement of the problem that you're trying to solve (<50 words)]

Why

Write about why this is a problem worth solving. What is the business value hypothesis that connects to what success looks like and for whom? (~50-250 words)



Success

Write about what success looks like. What is the Key Performance Indicator (or couple of KPIs)? How might they connect to a relevant ML model accuracy metric? (<50 words)

Audience

Specify exactly which users/customers this AI/ML product is being built for. What is the customer's pain or need that connects back to the problem? (<50 words)



What

Now describe what the ML looks like. This includes a discussion of data and sources, potential/likely models, a choice of an accuracy metric to optimize for and a defense of your choice. How does your accuracy metric connect back to the KPI(s) named above?

You may also find it helpful to fill out an [MLOps Stack Canvas](#) or [MLOps Stack Template](#). These tools really help to clarify tech stack requirements for our students.

Final Deliverables

At the conclusion of a cohort, students are expected to deliver:

- Deployed Demo
- 10-minute Presentation
- GitHub Repo (description in README + code)

For more detailed information on student capstone projects, you can check out the guide that we provide MLE students [here](#).



Anything Else?

Please provide any additional information on key activities, technologies, datasets, expected learning outcomes, potential mentorship or employment opportunities, or anything else not listed above!. And thanks for supporting our students!

About FourthBrain

FourthBrain trains aspiring Machine Learning engineers in the technical and practical skills necessary to contribute immediately to an AI team. Our remote, online program is designed to be flexible and accessible for anyone with software experience. We infuse values of collaboration, communication, empathy, and equity throughout the program.

We are part of the AI Fund, founded by Andrew Ng.