

REI603M - Assignment 8

Please submit this assignment online through the Canvas platform. If your submission consists of multiple files, kindly compress them into a single .zip file before uploading.

Progress and Demo

The objective for this week is to make substantial progress on your final project. You are required to write a detailed report outlining your accomplishments and present a demo showcasing your progress. For product-based projects, the demo should be in the form of a concise video recording, while research projects should submit a comprehensive written report.

Progress

The specific progress you make on your project is at your discretion. Consider the following options (you may choose multiple):

- Use Cleanlab on your dataset to identify and address labeling issues, particularly for classification tasks.
- Deploy your model on a local machine or a cloud-based service.
- Develop a user-friendly front-end interface to showcase your model's capabilities.
- Implement monitoring functionality to track user interactions and gather usage insights.
- Optimize your model's performance through fine-tuning techniques or exploring alternative architectures.
- Perform in-depth data analysis to gain valuable insights relevant to your problem domain.

Submission Guidelines

The submission requirements for this assignment vary depending on the nature of your project.

- **Product-based Projects:** Submit a 2-5 minute video that highlights your progress over the past week and demonstrates the key features or functionalities of your product. The video should be well-structured, engaging, and effectively convey the value and usability of your product.
- **Research Projects:** Select one of the publication venues you proposed in assignment 5. Locate the appropriate LaTeX template for that venue and set up your document

on Overleaf. Begin drafting the methods section and expand upon the background section from assignment 5. Submit this document along with a concise summary of your progress and achievements for the week. Ensure that your document adheres to the formatting guidelines and standards of the chosen publication venue.

Peer Evaluation

As part of this assignment, you will engage in a peer evaluation process to assess your classmates' work. The evaluation will be conducted on a single scale, requiring you to rate your classmates' performance on a scale from 1 to 10. Additionally, you will provide one open-ended question or comment regarding their project. Your evaluation should be constructive, insightful, and aimed at helping your classmates enhance the quality and impact of their work.

Note: The submission deadline for this assignment is March 15, 2023, at 23:00.

If you encounter any difficulties or have questions, please don't hesitate to reach out via the Ed platform or by emailing hafsteinne@hi.is.