

MSAI-349, Fall 2024

Final Project: Presentation

Due Date: Tuesday and Wednesday, December 10th and 11th Total Points: 20.0

Assignment: Prepare a presentation of your Final Project. You will deliver the presentation live via Zoom at <https://northwestern.zoom.us/j/93602148517>. Presentations should be approximately 20 minutes in length. A link to sign-up time slots is available in Canvas. The presentation should include roughly 10 to 15 slides that appear on the screen as you discuss your project. Suggested content is outlined below. The presentation must be self-contained -- I will not follow links to academic papers, blogs, dataset descriptions, etc. I should thoroughly understand your project from your presentation and slides. All group members should have a speaking role in the presentation. Your presentation **must include** a statement on what machine learning models you coded yourself and which results are derived using predefined packages. You must also **submit all code** used in your project.

A good presentation will include the following items:

- A clear and concise task description,
- Dataset description, source, summary statistics and features,
- Model specifications in the form of a diagram, algorithm or equations. If you use a machine learning model not covered in the class, you should demonstrate a thorough understanding of the method,
- Results for at least two machine learning methods, including a baseline, primary results, and a comparison between the models, and
- A discussion of results, including performance differences and any experiments performed to probe these items.

What to Turn In: Submit your slides and code in a zip file to Canvas.

Good luck, and have fun!