Final project presentation

The purpose of the semester-long project is to give you hands-on experience working with a machine learning pipeline. For the final presentation, the focus is on the cross validation pipeline, the algorithms and parameters you tried, scores and uncertainties, and model inspection (e.g., confusion matrix, global/local feature importances). The presentation is intended as a summary of your final project report.

The project presentations are on December 4, 5, and 6 from 4pm to 6:30pm. Everyone will have a 10 minute slot and you can sign up for a slot here. You will have 6 minutes to present, 2-3 minutes for questions, and 1 min to change speakers. **Please make sure to be there for the whole two and a half hour slot on the day you present.** For example, if you sign up to present on December 5 4:50pm, please be there from 4pm until the last presenter of the day is done. Some TAs and Andras will be there as well.

Please show the draft of your slides and/or your final project report to your TA mentor before the presentations.

Please add a google drive link of your pdf slides in the google sheet at least one hour before your session starts (before 3pm on December 4, 5, 6).

Please submit your pdf slides to gradescope by 11:59pm on December 6.

Requirements (Total: 20 points)

Title slide (1 point)
Your title slide should include the title of your presentation, your name, institute, the date of your presentation, and a link to your GitHub repository.

Recap slide (2 points)
The intro slide should explain the problem you want to solve, why this is important, whether it's regression or classification, and where you got the data. Describe briefly the most important/interesting aspects of the preprocessing and the EDA.

Cross validation slide(s) (5 points)
Explain how you split the data and why. Describe your CV pipeline. Which supervised ML algorithms did you try? What parameters did you tune?

Results slide(s) (10 points)
Describe the test scores of each algorithm you tried. How do your scores compare to a simple baseline model? Inspect your model (e.g., confusion matrix, global/local feature importances).

Outlook slide(s) (2 points)

Describe what else you could try to improve either the predictive power or the interpretability of your model given more time.

Keep your time! (You have a 30 sec grace period, after which we will subtract 3 points for every minute you go overtime; we round up to the minute)
Please practice your presentation out loud at least once before and make sure you can fit everything into 6 minutes. It is rude to go overtime and delay the presentations of others.