

Final Project Presentation Assignment

Overview

- In this assignment, you will present your final project to the class
- **Assignment goals**
 - Learning about multiple efforts to explore security-relevant data and apply ML to it
 - Practice reducing your detailed project experience down to the key points
 - Practice giving a brief presentation and answering questions
 - Practice asking intelligent questions
- **Deliverables**
 - Email me your slides before class on presentation day
 - You are welcome to send me slides in advance for feedback
 - Give your presentation in the final session as a team
 - Provide accurate and honest feedback in the peer evaluations (for the whole project)
 - Ask questions of the other speakers (this is a *graded* element, worth 10% of your grade)
 - LATE POLICY: No late submissions can be accepted for presentations!

What to do

- Prepare slides to cover your material in about 12 minutes (11-13 minutes), not including questions
- Suggestions
 - Use images and diagrams as much as possible to explain concepts.
 - **Less text!**
 - Use fonts of size 24 and higher
 - Avoid full sentences (← unless they are that short)
 - Keep slides clean and simply designed
 - No outline slides needed for such a short talk, please
 - Typically, you will have about 1½-2 minutes per slide
 - Less than that is often fine – a diagram or graph may be brief
 - Longer than that is usually problematic
 - So, estimate ~7-8 slides for your talk. Only add more if you know they will be very short.
 - Practice with a timer – your Organization grade depends a lot on accurately hitting the timing for the overall talk as well as having reasonable amounts of material for each subsection.
- Questions
 - Dr. Wright will track who asks questions and roughly how valuable they are to the discussion.
 - If you have asked some questions, please give other students time before jumping in
 - Clarifying questions are always important – we can't dig deeper if we don't understand what is happening.

Team Grading Rubric

Criteria	1 Poor	2 Basic	3 Proficient	4 Distinguished
Technical Material	Unacceptable project effort and no meaningful results.	Weak data analysis that applies techniques without careful thought, modeling is simplistic, results are lacking.	May not have explored the data as deeply as possible, modeling is reasonable but could be improved, findings are suitable.	Strong exploration of data, good illustration of the real process of modeling, interesting findings.
Slides & Preparation	Very poor slides that are unclear, overly cluttered, filled with small font text, etc. Also, insufficient effort.	Outline-level slides that cover the material. Few visuals, or mainly images that don't aid in understanding. May have too many equations, too much text, full sentences, poor design.	Some use of visuals that aid in explanation, but would benefit from more. Well-designed and easy to read. May have too much text.	Very good use of visuals aids to assist with explanations. Text is clear, to the point, and limited.
Organization and Flow	Poorly organized talk. Lacks direction. Way short or way long.	Rough organization and lacking flow. May spend too long on some pieces, run long overall, or be too short.	Well organized. Most parts are in balance, but some parts may be short or long. Flow is reasonable, but could be improved.	A well-designed talk that flows well, takes the right amount of time overall and for each part.
Clarity	Very hard to understand. Basics and motivation of the research do not come across.	Most of the main points are clear enough to follow the talk. Some important details are not well explained, however, and the talk may be pretty confusing in parts.	Explanations make sense, slides are used appropriately, and gets across technical points well enough. Some details may still be confusing, however, or the intuition of what is happening may be unclear.	Very clear explanations that provide intuition and insight to the research. Good use of visuals wherever it would be helpful.

A: 3.25 average or higher

B: 2.5-3.25 average

C: 1.75-2.5 average