Assignment 3 (25 points) is your final class project **proposal.**

Assignment Instructions

For this assignment, please provide:

1. **Project Idea.** What you are proposing to build/experiment/solve, etc. The project MUST use big data technologies, and MUST be a problem that is NOT solvable using a single computer. This does not mean your project cannot run on a laptop, but that MUST be scalable to big data IF it were ever put into a production environment.
2. **Team members:** Teams are recommended. For this size class individual projects are are not recommended. Below is a preliminary grading criteria for the final project. I will upload a format document during later in the course.

Requirements: Your project must solve/analyze a data problem utilizing technology(ies) from the course. You must submit:
- All source code
- Project Report
- Presentation slides

Your project report and presentation must be written as a professional-grade **business report.** Assume your audience is a high level corporate chief, client, or investor, and you are providing an analytical service or product.

Details: The project report must be a professional-grade business paper. I expect you to provide smart analysis and insights into the problem you are solving, not just a summarization of some data query. Charts, visualization, analytical insights, will get more points.

Final Project proposed grading: **435** points

Grading Breakdown:
Technique / Execution: 125 points
Technologies: 125 points
Report (Analysis, presentation, execution): 125 points
Innovation / Applicability: 40 points
Source code / Code quality: 20 points