Assignment 3 (15 points) is your final class project ***proposal.***

**Due Wednesday, October 27th, 11:55PM.**

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 of 3, or 4 or 5 are OK and encouraged. If you have a bigger team, get my approval first and be ready to justify it. Bigger teams are encouraged, since we only have a certain amount of time for in class presentations.

Here is a preliminary grading criteria for the final project. I will upload a format document duringlater in  the course.

Final Project proposed grading:

**Total Points: 380** points

**Requirements:**Your project must solve/analyze a data problem utilizing two or more big data technologies from the course. The more technologies you use, the more points. 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.

**Breakdown:**

Technique/Execution:  75 points  
Technologies: 125 points  
Source code/ code quality: 30 points  
Report (Analysis, presentation, execution): 120 points  
Innovation/Applicability: 30 points