**Final Project Guidelines**

You are finished with your assignments(33%), midterm and take home(33%). It’s time to start working on your final projects which is (33%) of your grade. Hopefully most of you have already come up with ideas for your projects. These are the instructions for the project

**Team size: min - 3; max - 4**

The large team size will help you do work and explore more into the big data world.

This is the timeline for your projects:

**Project Strategy -** Think of yourself as a startup that wants to create a valuable product or service.

1. *Idea*
   1. Originality
   2. Use cases
   3. Team work
2. *Report*
   1. Research
   2. Approach
   3. Challenges
   4. Solution
   5. Future Scope
3. *Code*
   1. Originality
   2. Modularity
   3. Clarity
   4. Comments
4. *Results*
   1. Validation
   2. Usability

**Final Deliverables - April 23, Sunday 11.59pm**

*All of the below should be committed to your shared github repository and a link submitted to the blackboard. Also, you need to send the below to* [*NU7250@gmail.com*](mailto:NU7250@gmail.com)*.*

1. Report
2. Presentation
3. Code
4. Instructions on how to run the code and where to find the result.

**Timelines**

* **Apr 3 to Apr 9**Finalize topic and what work each member will be working on(divide your work and collaborate). Make the plan(timeline) which will lead to the successful completion of the project. You should start to work on the project as soon as this is done.  
  **Submission on Apr 9, 11.59 PM (team, topic, plan and github link of shared team repository - allow TAs to view contents)**.
* **Apr 10 to Apr 16**   
  Meet TAs to show your work division and progress. Take help when necessary.
* **Apr 17 to Apr 23**   
  Meet TAs to show your work division and progress. Take help when necessary.

**Final Project presentation - April 24, Monday.** **5 PM - 10 PM**

Presentation time - 15 min

Question time - 5 min

Break time - 15 min (likely at 7.30 PM)

**General Guidelines**

1. Plan properly. Good plan yields good results.
2. Distribute work based on your area of expertise or interest. It makes things easier.
3. Practice your presentation to match the 15 min window. You will not be given extra time. You should be in position to showcase results in the 15 min.
4. Come to class early and prepared on the day of presentation.
5. There is a concept of peer grading, which will be explained later.
6. Everyone is required to attend the whole presentation. Save the date and make plans accordingly.
7. Order of the presentations will be random.
8. If you’re planning to extend an existing project or re-using a project from another class for this class, you need to ask professor for his permission first.
9. If you need any help please contact TAs.

Any updates regarding the information provided in this email will be sent to you if necessary.