**Presentation:**

Very short. About four minutes.

Explain the project.

* How it will be used for thesis?
* What I hope to get out of it?
* What skills? What data? Etc?
* Present a challenge your currently working on? Or if we have something that’s done, present the plot etc.
  + How are we approaching this? What ideas do we have for going forward?
  + What would we like to get help with?
* The analysis doesn’t have to be done – but we can
* HOW we’re approaching problems etc.

The format:

* A power point or something like that.
* Perhaps screen shots of groundbreaking or important code.

**The actual project:**

The important thing: Our process in approaching this project. The skills we’ve used in the project, what challenges and what solutions we’ve done. The contribution should be our methods, our solutions etc, not our grand conclusions.

If we’re a bit unsure, we can always email Rachel for feedback on our report.

Final report: a couple of pages (in written prose – word or latex. NOT a markdown file). We obviously also need to submit commented code (code should be submitted SEPERATELY). The structure:

* What the project is
* The skills
* The results / how we plan to build

Focus on small but polished projects. Focus on using multiple skills in the same or across programs. The more skills the better!

Adding our project to

1. Cd into out directory (ps239-final-project)
2. Create folder to hold final project information (can be local, i.e. not repository) and put our files into this folder (final report, plot etc)
3. Git add . (so that files are tracked)
4. Git commit -am (“upload final project”)
5. Git push origin (only do this once)

We should try the process and try to get the process going by Wednesday the 7th.

Sensitive data:

* nano gitignore
  + file.txt
  + secretcodes.txt
* Git also has an alarm system