

CS 7545 Machine Learning Theory

Homework # 2.5

Due: October 23, 2013

- One of the course requirements is to do a project, which you may do individually or in a group of size at most 3.
 - (1) You could choose to do a small project (if you prefer the homework oriented grading scheme): this might involve conducting a small experiment or reading a couple of papers and presenting the main ideas. The end result should be a 3-5 page report, and a 10-15 minute presentation.
 - (2) Alternatively, you could choose to do a larger project (if you prefer the project oriented grading scheme): this might involve conducting a novel experiment, or thinking about a concrete open theoretical question, or thinking about how to formalize an interesting new topic, or trying to relate several problems. The end result should be a 10-15 page report, and a 40-45 minute presentation.
- Think about a couple choices for your project and presentation. Write up a few paragraphs about what you want to do. Please be clear whether you intend to do a small project or a larger project. For the presentation, please say who your partner is (if any), and if there are any scheduling constraints (days you will be out of town, etc).

Please feel free to come and talk with me about possibilities if you're not sure what you want to do.

- Several project suggestion are posted at:

<http://www.cc.gatech.edu/ninamf/ML13/projects.html>.