Timeline and key dates

- **Nov. 1:** submit title/abstract proposal (online form)
- **Nov. 8:** (by/optionally) receive project feedback
- **Nov. 14:** (optionally) revise title/abstract
- **Dec. 12:** final report submission
Project types

*Project should be in direct contact with the course!*

Theory (extension of a derivation, study of an algorithm)

Comparisons/Critical evaluations (of group of methods)
  - Benchmarks ...

Application (of SL/ML principles to your own area/task)
  - Focus on the learning problem, regularization, ...

Review (research areas, summarize/distil larger/technical papers)

Implementation: code something fun

*If the project is not focused on implementation, any programming language can be used.
*You can use any dataset you like (use several to show generality if data is not the focus)
General guidelines

- Individual projects
  - collaborations not encouraged.
  - exceptions of teams of 2 should be discussed in advance.

- Notify in advance (proposal/abstract) if this is:
  - a project for another course
  - an extension of another project
  - part of your research
  - part of your published work

Plagiarism will be taken seriously.

Not following these rules implies not getting the project evaluated.
Proposal

● When: by Nov. 1

● How: online https://goo.gl/forms/uGLjgZZQ3kwNShaQ2

● What: title + abstract (15 lines/300 words), 1-2 refs (if needed)

● Will not be graded, should be informative

● You might (!) receive feedback for (for focus or change of topic etc) by Nov. 08. If not, you are good to go!

● Revised (optionally, after feedback) proposal: Nov. 13
Evaluation criteria

A. Achievements: *are the goals achieved? If not, how much work has been done?*
B. Methods: *were they chosen appropriately?*
C. Context and connection to existing work
D. Technical correctness: e.g., *experiments OK, result interpretation, theoretical correctness, ...*
E. For applications: *we will not take data preparation into account when grading*
Project development

During development: interact with the TAs

- Office hours
- E-mail (for logistics)
- After class

Deliverables (Dec. 12):

- Report

Report:

- NIPS format
- Style file and template on website
- Max 5 pages (+ references)