

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)