Choosing a Project

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Project idea

By 1pm on 11/7/16, email me a proposed project idea and the names of the collaborators working together. Additionally, write a paragraph or so describing what problem you will be attempting. Your project is subject to my approval. I expect you will spend at least \(37.5 \frac{n+1}{2n+1}\) hours per person on this project, where \(n\) is the number of people working together who are registered for the class. I only need to receive one email per group.

The project must be an attempt to solve any open problem in learning theory. Places to look for problems include recent proceedings from conferences. Specifically, open problems or directions from any paper from COLT or ALT; the learning papers in STOC, FOCS, ITCS or SODA; or the theory-oriented papers from ICML, NIPS, or AISTATS should be suitable. If you need guidance picking a project, please email me.

Your project grade will be based on demonstrated effort and the quality of the final write-up.

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1 Students auditing the class may also participate in doing the projects.