Instructions for Projects

1 Project Proposal

Please submit by Thursday 11/6 if possible but not later than Monday 11/10. Submission is by email to roni@cs.tufts.edu.

Your project should investigate either some algorithms, or algorithmic aspect (for learning, planning, acting in MDPs), or some challenging domain, and most likely a combination of the two. You may choose to use RDDL for the simulation engine and implementation framework but this is not required.

Please write two paragraphs per project proposal, explaining the problem or domain and the algorithms you will investigate respectively.

I would like to see that the project is not “too hard”, that is, one can complete it within the allocated 3-4 weeks. I would also like to see that the project is not “too easy” meaning it requires a good amount of work and some investigation.

If you have any questions, or want to discuss some ideas for your project, please email roni@cs.tufts.edu and we can either discuss by email or set up a time to meet. Please do so before the deadline so we can get you started on the project in good time.

2 Final Project Submission

Final project reports are due in the last class 12/8 1:30pm.

Please start your work early so that you have enough time to complete the work planned. Once your implementation and evaluation are done please write a report on the project explaining what the project set out to do, what you have done, what insights or difficulties you found in that process, and the results of your evaluation. The best way to think about the report is as a paper submitted to a machine learning or AI conference (AAAI, IJCAI, ICML, ECML, NIPS, ...).

- You should submit the following items both electronically and in hardcopy:
  (1) Your code for the project (please write clear code and document it as needed). In addition, please include instructions in case we want to compile and run your code.
  (2) The report described above.

- Please submit a hardcopy in class.

- Please submit electronically using provide: Put all the files from the previous item into a zip or tar archive, for example call it myfile.zip. Then submit using provide comp150aml project myfile.zip.