
AI2 Assignment: Sequence of Plans

This assignment is intended to help you to get started in a reasonable way on your research project. Time taken early in your work to formulate a sound top level plan for subsequent refinement is generally time well spent. Preliminarily, you want to scope out just what needs to be done for your research project, and find some initial footing which will allow you to experience some early success. Then, over time, you will want to regularly clarify what needs to be done by reviewing and renewing your agenda of tasks. You might, for example, modify existing tasks, incorporating new tasks, or reorganizing tasks. These are the premises that motivate this assignment, which invites you to craft a sequence of plans by which to light your research project journey. Please:

1. **Write a preliminary skeletal plan, just to get started, modeling this first plan of yours on the preliminary skeletal plan that I wrote for my little rule based machine learning project, TTTLM.** Please be sure in start with the header part, and to include the project title part, the project description part, and the paper drafts part. Thereafter, you will need to propose a sequence of tasks suited to your own project. Please do your best to assure yourself that no one task is beyond your reach! And please be sure to think through just how you will go about demo-ing each task – because no a task is considered to have been done until is is presented by means of an adequate demo.
2. Note that you can't devote many days to crafting your first plan! The good news is that your first plan doesn't have to be perfect. Most first plans are far from perfect! In time, you can craft a second plan, once you see how to productively revise the first plan. Then, after you get further along in your project, you can revise the second plan into a third plan. No reason to stop at three! A methodically archived sequence of carefully crafted plans, by means of a sequence of suitable revisions, will serve as a record of your progress in the formulation of your project, and will become a valuable product of your work in and of itself. **Do your best to craft this sequence of plans in an organic manner as work on your project unfolds!**

For the research that you are commencing, please find a way to produce your first, preliminary, skeletal plan and post it to your web work site by class time on **Wednesday, February 17th**. On that date, I will ask you to share your first plan with us. Thereafter, please leave this plan alone! As you gain significant additional insight into your project, please take the time to morph your first plan into a second plan, starting with a copy of your first plan, and then making suitable changes. Post this second plan to your web work site. Please continue on in this way throughout the semester, and **strive to have completed at least a half dozen meaningful plans by the end of the semester**. From time to time I will ask you to share your sequence of plans with us.