

DL4DS Project Title

Team Member 1, Optional Team Member 2, Optional Team Member 3

January 26, 2024

Abstract

A short abstract of what your proposal is about. This is your elevator pitch for what this project is about and why it is interesting. This should be no more than 3 sentences. Typically you write this last.

Introduction

*This is a template for your project proposal which, by the way, is very similar to the template for your final report. It's also pretty standard template used for conference and journal publications. For the project proposal, however, your context in each section will be shorter and preliminary. In other words it is likely to change for the final report. **Remove all these italicized instructions before submitting.***

The introduction is where you motivate the problem you are trying to solve. You should give a brief overview of the problem and why it is important. You should also give a brief overview of your approach and why it is interesting.

Introduction text here.

Related Work

This is where you give a brief overview of any prior work by others (or yourself) that is relevant to the problem and solution you are proposing. For the proposal you should do a preliminary literature search and cite any papers using the citation and bibliography syntax illustrated below.

A comment on related work. You may find a paper or project that directly solves the problem you are proposing. Did they also release code and models? If not, is there value in reproducing their results and releasing code and the model? If they did release the code and the model, is it possible to build on their work directly and improve it?

Related work text here. This also shows how put a single citation [1] or also multiple citations [1, 2]. The bibliography is embedded in this L^AT_EX file.

Proposed Work

This is where you describe your proposed solution to the problem. This is just the project proposal so at this point this is your best guess, but you should try to elaborate on why you think your approach is a promising one. Of course this will all evolve as you progress.

Proposed work text here.

Here is also an example of how to render math inline such as $f(x) = \phi_0 + \phi_1 \cdot x$. Or you can render it as a block

$$f(x) = \phi_0 + \phi_1 \cdot x$$

or even numbered

$$f(x) = \phi_0 + \phi_1 \cdot x. \tag{1}$$

Datasets

As part of the feasibility assessment for your project proposal you should identify datasets that can use to train and evaluate your models. Or if you are doing a dataset project, describe the dataset you want to create and the approximate steps and timeline. If it is a theoretical or algorithmic project, describe any datasets you may need in support of that.

Dataset text here.

Evaluation

Describe how you will evaluate your proposed solution. What metrics will you use? What kind of results do you expect to see? Will you be able to establish a baseline from existing solutions?

Evaluation text here.

Timeline

This is a time bound project given the entire course is 14 weeks. The proposal deadline is about 3-4 weeks into the course, so you have about 10-11 weeks to complete your project

if you start after the proposal deadline. You should break this down into milestones and deliverables. Note that you can set discovery based milestones if subsequent steps depend on the results of previous steps. The important goal is to gain confidence in the feasibility of the project.

Timeline text here.

Conclusion

Summarize your proposal and what you hope to accomplish.

Conclusion text here.

References

[1] Author1. *Title1*. Publisher, Year.

[2] Author2. *Title2*. Publisher, Year.