

Reinforcement Learning Project Proposal Template

Report last updated: [students to provide date]

**Instructions**: Each team can use this template to provide a brief (1-2 page) project proposal.

**Student Names**

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| --- |
| *Name 1* |
| *Name 2* |
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**Project Aims**

*Provide a brief description of what you hope to accomplish with this project.*

**Framing as a Reinforcement Learning Problem**

*Brief description of the state space (discrete/continuous, possible values), action space (discrete/continuous, possible values), agent, environment, reward function*

**Data Elements and Sources**

*Provide a brief description of the data you plan to use and where you might find it*

**Resources**

*Briefly discuss papers, packages, and tools that you think will be helpful*

**Future Work Plan**

*Outline your work plan for the remainder of the term. This should include all important tasks. Presentations and project submissions will take place during the final week of class.*

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| **Task Description** | **Date** |
| [Enter description 1 here] | [Enter date, week, or month] |
| [Enter description 2 here] | [Enter date, week, or month] |
| ... | ... |