

Reinforcement Learning (CSF317)

Assignment 1: Define an interesting grid problem. Formulate it as a RL problem, and solve it using both on-policy and off-policy Monte Carlo RL method. Demonstrate the difference (benefits or issues) between on-policy and off-policy Monte Carlo Method. You can make your own assumptions. Define your own problem and choose your own tools (numerical, coding, etc). Your problem and approach should be unique and not copied from Internet or from each other.

Submission: You need to submit a 5-7 page report. Report should contain your names and IDs.

Group Size: Maximum 2.

Google form link to submit your report:

https://docs.google.com/forms/d/e/1FAIpQLSdgCFNOF0259tAttujwW5C5mhKoP5m7sYnQvoTUHY1sz8cqbq/viewform?usp=sf_link

Issue Date: 4th September 2024

Deadline: 18th September 2024