CS394R
Reinforcement Learning: Theory and Practice

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Good Afternoon Colleagues

- Are there any questions?
Logistics

- Next 2 weeks of readings are up
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- Final project due in 3 1/2 weeks!
Options

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  - ... Week 0 task!
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  - Why couldn’t it before?
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- They don’t address what temporal abstraction to use — they just show how it can fit into the RL formalism
  - Why couldn’t it before?
- Markov vs. Semi-markov:
  - states, actions
  - mapping from (s, a) to expected discounted reward
  - well-defined distribution of next state, transit time
Discussion Points

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- Option discovery (class discussion)
  - bottleneck states
  - novelty
  - changed useful state abstractions (slides)
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- Option discovery (class discussion)
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- Options with function approximation possible?