

CS343

Artificial Intelligence

Prof: Peter Stone

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Good Morning, Colleagues

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Are there any questions?

Some Context

- **First weeks:** search (BFS, A^* , minimax, alpha-beta)
 - Find an optimal plan (or solution)

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 - A type of **machine learning**

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 - Neural nets and Deep Learning
 - Possibly SVMs, Kernels, and Clustering
- **Week 13:** Classical planning
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Maximize expected utility

Topics not covered

- Knowledge representation and reasoning
(Chapters 7-9, 11, 12)
- Game theory and auctions
(Sections 17.5, 17.6)
- Aspects of learning
(Chapters 18, 19)
- Natural language
(Chapters 22, 23)
- Vision
(Chapter 24)
- Robotics
(Chapter 25)