CS343
Artificial Intelligence

Prof: Peter Stone

Department of Computer Science
The University of Texas at Austin
Good Afternoon, Colleagues
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Are there any questions?
Logistics

- Classification assignment: Avg: 22.8 (out of 25), stddev: 2.79
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  - Mini-contest: 1. Jonny (86.2%) 2. George (85.6%) 3. Craig (76.4%)
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- Late readings accepted until the night before the exam (5/9)

- Final: Thursday May 10th, 9am-noon
Tournament Qualifiers

- ShotCallaKoalas, NikolaAndTheNomNoms, SHARON, ManicMafia, Mayonnaise, AgentStanley, AgentSea, MediocreAgentsV2, GreyhoundAgents, Magnesium, Grepped, CaesarAgents, helloAgent, PsychoAgents, TenPoolWithSpeedAgents, O___O, NotMelsPacman, GentlemenAgents, RoleReversal
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Congratulations to all!
Pending questions

- How could we verify strong AI?
- What’s the role of emotions?
- What’s the role of the Turing test?
- Can AI achieve “thinking”?
- When will there be an ultraintelligent agent?
- Does it matter to you if our “descendents” aren’t human?
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  - Find an optimal plan (or solution)
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- Bayesian networks – state estimation/inference
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  - A type of **machine learning**
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  - Just a taste – focus on concept learning = classification
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  Sense, decide, act
  Maximize expected utility

Peter Stone
Topics not covered

- Constraint satisfaction (Chapter 6)
- 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)
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- Sample - Dan Klein’s Spring 2009 exam with solutions
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THANKS!!!
Surveys

- Daniel’s and my surveys
- Positive and negative feedback useful
- Invitation to send more feedback by email
  - If/when I teach the course again, how should it change?
- Most important: course rating, instructor rating, written comments