CS423: Probabilistic Programming

Implementing Inference Algorithms for Probabilistic Programs

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Two approaches

- Translation to a known probabilistic model.

- Inference by evaluation.

Two approaches

- Translation to a known probabilistic model.

- Inference by evaluation.

Inference by evaluation

View an inference algorithm for prob. programs as a non-standard interpreter.

Plan

- Blackboard lecture.

- Look at the pdf file, "Note6.pdf", and my handwritten notes.