



# Foundations of Knowledge Representation

Recap

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# Lecture Overview

- Introduction
- Propositional Logic and First-Order Logic
- Horn Logics and Datalog
- Description Logics - Syntax and Semantics I
- Description Logics - Syntax and Semantics II
- Description Logics - Reasoning with Data
- Nonmonotonic Reasoning I
- Nonmonotonic Reasoning II
- Inconsistency Handling
- Abstract Argumentation
- Uncertainty