



# AI Search

# Lecture Outline

01

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## Why search algorithms are relevant to AI

- Agents use these algorithms as problem-solving techniques
- Different algorithms give different and sometimes more efficient results

02

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## Trees

- Store data
- Root
- Leaves
- Nodes
- The idea of "searching" a tree

03

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## Simple Tree Traversals

- In Order
- Pre-Order
- Post-Order

04

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## Concept of Uniformed vs. Informed Search

