CSCI E-80

CS50's Introduction to
Artificial Intelligence
with Python

Harvard Extension School (https://www.extension.harvard.edu/)

Spring 2020

Announcements

This course explores the concepts and algorithms at the foundation of modern artificial intelligence, diving into the ideas that give rise to technologies like game-playing engines, handwriting recognition, and machine translation. Through hands-on projects, students gain exposure to the theory behind graph search algorithms, classification, optimization, reinforcement learning, and other topics in artificial intelligence and machine learning as they incorporate them into their own Python programs. By course's end, students emerge with experience in libraries for machine learning as well as knowledge of artificial intelligence principles that enable them to design intelligent systems of their own.

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3. Attend section.
4. Optionally attend office hours.
5. Work on Project 4, due Mon, Apr 6, 2020 5:59 AM CEST.

Neural Networks

1. Watch Lecture 5 on or after Mon 4/6.
2. Complete Quiz 5 on or before Mon, Apr 13, 2020 5:59 AM CEST.
3. Attend section.
4. Optionally attend office hours.
5. Work on Project 5, due Mon, Apr 20, 2020 5:59 AM CEST.

Language

1. Watch Lecture 6 on or after Mon 4/20.
2. Complete Quiz 6 on or before Mon, Apr 27, 2020 5:59 AM CEST.
3. Attend section.
4. Optionally attend office hours.
5. Work on Project 6, due Mon, May 4, 2020 5:59 AM CEST.