Artificial Intelligence ECA 14 weeks Plan

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Week 1: brief introduction about artificial intelligence and ice breaking

Week 2: introduce different kind of artificial intelligence in the history

Week 3: talk about the basic theory of artificial intelligence

Week 4-8: introduce some important algorithms

* Random research

breadth-first search

depth-first search

* “A” algorithms
* “A\*” algorithms
* “Bayes” algorithm

Week 9, 10: Markov model and applications

Week 11: Machine learning

Week 12: neural networks

Week 13, 14: revise and discuss what we’ve learnt.