

Artificial Intelligence

What is AI?

- i. How should we define AI?
- ii. Related fields
- iii. Philosophy of AI

AI Problem Solving

- i. Search and Problem solving
- ii. Solving problems with AI
- iii. Search and games

Real world AI

- i. Odds and Probability
- ii. The Bayes rule
- iii. Naive Bayes classification

Machine learning

- i. The types of machine learning
- ii. The nearest neighbour classifier
- iii. Regression

Neural Networks

- i. Neural network basics
- ii. How neural networks are built
- iii. Advanced neural network techniques

Implications

- i. About predicting the future
- ii. How neural networks are built
- iii. Summary