

1. Linear Classifiers and Perceptron Algorithm

Objectives

- Understand the concepts of Feature vectors and labels, Training set and Test set, Classifier, Training error, Test error, and the Set of classifiers
- Understand the mathematical presentation of linear classifiers
- Understand the intuitive and formal definition of linear separation
- Understand the perceptron algorithm with and without offset

Discussion

Topic: Unit 1 Linear Classifiers and Generalizations (2 weeks):Lecture 2. Linear Classifier and Perceptron
/ 1. Linear Classifiers and Perceptron Algorithm

Show Discussion