edX

1. Objectives

Linear Classifiers and Perceptron Algorithm

At the end of this lecture, you will be able to

- understand the concepts of Feature vectors and labels, Training set and Test set, Classifier, Training error, Test error, and the Set of classifiers

- derive the mathematical presentation of linear classifiers

- understand the intuitive and formal definition of linear separation

- use the perceptron algorithm with and without offset

Discussion

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

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