edX

Course  >  Unit 1 Linear Classifiers and Generalizations (2 weeks)  >  Lecture 3 Hinge loss, Margin boundaries and Regularization  >  1. Linear Classification and Generalization

# 1. Linear Classification and Generalization

- Understand the need for maximizing the margin

- Know how to pose linear classification as an optimization problem

- Understand hinge loss, margin boundaries and regularization

## Discussion

**Topic:** Unit 1 Linear Classifiers and Generalizations (2 weeks):Lecture 3 Hinge loss, Margin boundaries and Regularization / 1. Linear Classification and Generalization

Show Discussion