Algorithms, Regularization, and Optimization

Caleb Leedy

May 28, 2025

Overview

- There was a lot of different material in the readings this week.
- This presentation is supposed to help facilitate discussion and deepen understanding.
- It is not meant to be a complete overview.
- The course is very applied. I believe that this means that we need to implement and extend most of the results to have understanding of the topics.

Outline

1. Algorithms (from a statistics point of view)
2. Regularization
3. Optimization

Algorithms

- Linear classifier
- k Nearest Neighbor (kNN)

Title

-

Title

-

Title

-

Title

-

Title

-

Title

-

Title

-

Title

-

Title

-