One Fourth Labs

Perceptron

Introduction to the Perceptron, a summary.

- Data: real inputs 😃
- Task: Classification(boolean output) ☹
- Model: Weights for every input 😃, but still linear ☹
- Cost/loss: $\Sigma_i \max(0, 1 - y_i * \hat{y}_i)$ ☹
- Learning: Our first learning algorithm 😃
- Evaluation: accuracy