

**Part 2/3:**

# Optimization Algorithms

- 10.** Gradient Descent Review
- 11.** Batch vs Mini-Batch vs Stochastic
- 12.** Momentum Method
- 13.** Nesterov Accelerated Gradient
- 14.** AdaGrad
- 15.** RMSprop
- 16.** Adam and AdamW
- 17.** Second-Order Optimization - L-BFGS
- 18.** Comparison of Optimization Algorithms