

## **Part 3/3:**

# **Backpropagation and Learning**

- 17.** Loss Function Definition
- 18.** Chain Rule
- 19.** Backpropagation Algorithm Derivation
- 20.** Computational Graph
- 21.** Gradient Calculation Example
- 22.** Automatic Differentiation (Autograd)
- 23.** Mini-batch Gradient Descent
- 24.** Implementation Tips and Debugging
- 25.** PyTorch/TensorFlow Hands-on