

Part 1/3:

Loss Function Design

- 1.** Role and Importance of Loss Functions
- 2.** Regression Losses - MSE, MAE, Huber
- 3.** Classification Loss - Cross-Entropy
- 4.** Hinge Loss and SVM
- 5.** Focal Loss - Class Imbalance
- 6.** Contrastive Loss
- 7.** Triplet Loss
- 8.** Regularization Terms (L1, L2, L1+L2)
- 9.** Custom Loss Function Design