



## Custom loss functions

### Custom loss hyperparameters and classes

#### Contrastive Loss



**Video:** Contrastive Loss

3 min



**Reading:** Reference:  
Dimensionality reduction by  
Learning an Invariant  
Mapping

3 min



**Video:** Coding Contrastive  
Loss

2 min



**Lab:** Contrastive loss in the  
siamese network

1h

#### Quiz



**Quiz:** Custom Loss

5 questions

#### Assignment: Custom Loss



**Programming Assignment:**

Creating a custom loss  
function

3h



# Reference: Dimensionality reduction by Learning an Invariant Mapping

- Dimensionality Reduction by Learning an Invariant Mapping  
(Hadsell, Chopra & LeCun, 2005)

✓ Complete

Go to next item

