

Shallow Neural Network

- Video: Neural Networks Overview

4 min
- Video: Neural Network Representation

5 min
- Video: Computing a Neural Network's Output

9 min
- Video: Vectorizing across multiple examples

9 min
- Video: Explanation for Vectorized Implementation

7 min
- Reading: Clarification: Activation Function

1 min
- Video: Activation functions

10 min
- Video: Why do you need non-linear activation functions?

5 min
- Video: Derivatives of activation functions

7 min
- Video: Gradient descent for Neural Networks

9 min

- Reading: Clarification about Upcoming Backpropagation intuition (optional)

1 min
- Video: Backpropagation intuition (optional)

15 min
- Video: Random Initialization

7 min

Practice Questions

Programming Assignment

Heroes of Deep Learning (Optional)

Hi all,

Please note that in the next video at 8:20, the text should be "dw[1]" instead of "dw[2]".

Best,

Complete

Go to next item

