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What do you want to learn?





Prasun Mondal V

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Neural Networks and Deep Learning $\,>\,$ Week 4 $\,>\,$ Clarification about Getting your matrix dimensions rig

Deep Neural Network

Video: Deep L-layer neural 5 min

Video: Forward Propagation in a Deep Network

Reading: Clarification about Getting your matrix dimensions right video

Video: Getting your matrix dimensions right 11 min

Video: Why deep representations? 10 min

Video: Building blocks of deep neural networks

Reading: Clarification about Upcoming Forward and Backward Propagation Video

Video: Forward and Backward Propagation 10 min

Video: Parameters vs Hyperparameters

Reading: Clarification about What does this have to do with the brain video

Video: What does this have to do with the brain? 3 min

Practice Questions

Programming Assignments

Notebook: Building your Deep Neural Network: Step by Step

Programming Assignment: Building your deep neural network: Step by Step

Notebook: Deep Neural Network - Application 1h

Programming Assignment:
Deep Neural Network
Application

In the next video, at time 6:35, the correct formula should be:

$$a^{[l]} = g^{[l]}(z^{[l]})$$

Note that "a" and "z have dimensions $(n^{[l]},1)$

✓ Complete Go to next item



