



Deep Neural Network

Lecture Notes (Optional)

Quiz



Quiz: Key Concepts on Deep Neural Networks
10 questions

Programming Assignments



Programming Assignment: Building your Deep Neural Network: Step by Step
3h



Reading: Confusing Output from the AutoGrader
10 min



Programming Assignment: Deep Neural Network - Application
3h

References & Acknowledgments



Reading: References
10 min



Reading: Acknowledgments
10 min



References

Week 2:

- [Implementing a Neural Network from Scratch in Python – An Introduction](#) (Denny Britz, 2015)
- [Why normalize images by subtracting dataset's image mean, instead of the current image mean in deep learning?](#) (Stack Exchange)

Week 3:

- [Demystifying Deep Convolutional Neural Networks](#) (Adam Harley)
- [CS231n: Convolutional Neural Networks for Visual Recognition](#) (Stanford University)

Week 4:

[Autoreload of modules in IPython](#) (Stack Overflow)

Mark as completed

