

Preparations

Setup Python, Jupyter, TensorFlow and Keras

1. Install Python 3.3 or later. Do not use Python 2.X
2. Install Jupyter notebook: [\[guide\]](#)
3. Install TensorFlow: [\[guide\]](#)
4. Install Keras: [\[guide\]](#)
5. Make sure Keras has been properly installed: [\[run the code\]](#)

Read the Books

1. Francois Chollet. Deep learning with Python. Manning Publications Co., 2017. (Available online.)
2. S. Boyd and L. Vandenberghe. Introduction to Applied Linear Algebra. Cambridge University Press, 2018. (Available online.)