



deeplearning.ai

Programming Frameworks

Deep Learning frameworks

Deep learning frameworks

- Caffe/Caffe2
- CNTK
- DL4J
- Keras
- Lasagne
- mxnet
- PaddlePaddle
- TensorFlow
- Theano
- Torch

Criteria I would recommend you use to choose frameworks.

Choosing deep learning frameworks

- Ease of programming (development and deployment)
- Running speed
- - Truly open (open source with good governance)

One important criteria is the easy of programming, and that means both developing the neural network and iterating on it as well as deploying it for production.

By providing a higher level of abstraction than just a numerical linear algebra library, any of these program frameworks can make you more efficient as you develop machine learning application.