dlframework1



Programming Frameworks

Deep Learning frameworks

Deep learning frameworks

the criteria in choosing frameworks Choosing deep learning frameworks

CNTK

• Caffe/Caffe2

- DL4J
- Keras
- Lasagne
- mxnet
- PaddlePaddle
- TensorFlow
- Theano
- Torch

- Ease of programming (development and deployment)

- Running speed

-> - Truly open (open source with good governance)

how much you trust the framework will remain open as source.

Andrew Ng

tensorflow



Programming Frameworks

TensorFlow

Motivating problem

$$\frac{J(\omega)}{J(\omega)} = \frac{(\omega^2 - 10\omega + 25)}{(\omega - 5)^2}$$

$$\frac{J(\omega + 5)^2}{(\omega - 5)^2}$$

Andrew Ng

