

Section 1 and 2

→ History of pytorch

↳ Theano has to write on your own

↳ Tensorflow

↳ keras (very simple)

Hard to do co-plex things

↳ pytorch

↳ Facebook Dev

↳ Hard or simple is both possible

Outline

Foundations

1. Google Colab

↳ Jupyter Notebook by google

2. Fundamentals of DL

↳ Regression + Classification

3. Deep learning

4. Image processing

5. RNN

↳ Sequence data

wrong + Right way to do timeseries.

6. LSTM + RNN

↳ Stock prediction

7. NLP

8. Recommenders

9. Transfer learning

Neural networks take long to train.

↳ Transfer learning stacks on top of pre learned networks.

10. GAN'S

11. RL -> Reinforcement learning

Application