## Neural Networks and Deep Learning (1st course) Week 1 - Introduction to deep learning

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AI 〉 다양한 분야에 사용된다, 이력서에 쓸 수 있다 AI는 전기와 같은 존재, deep learning이 급속도로 발전

## What you'll learn



Courses in this sequence (Specialization):

- 1. Neural Networks and Deep Learning
- Improving Deep Neural Networks: Hyperparameter 2. tuning, Regularization and Optimization
- ton/dev/test 3. Structuring your Machine Learning project end-to-end
- Convolutional Neural Networks CNN 4.
  - Natural Language Processing: Building sequence models

RNN, LSTM

Andrew Ng

- 3. train, valid, test set 분배
- 4. CNN 이미지에 적용

5.

5. RNN, LSTM > 자연어, speech, music과 같은 sequence data