AI: The New Electricity

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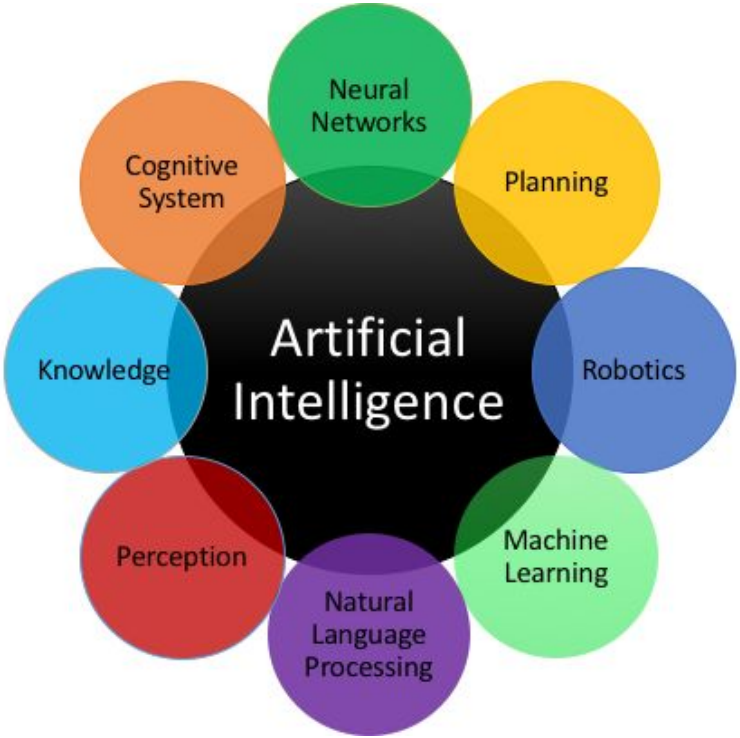
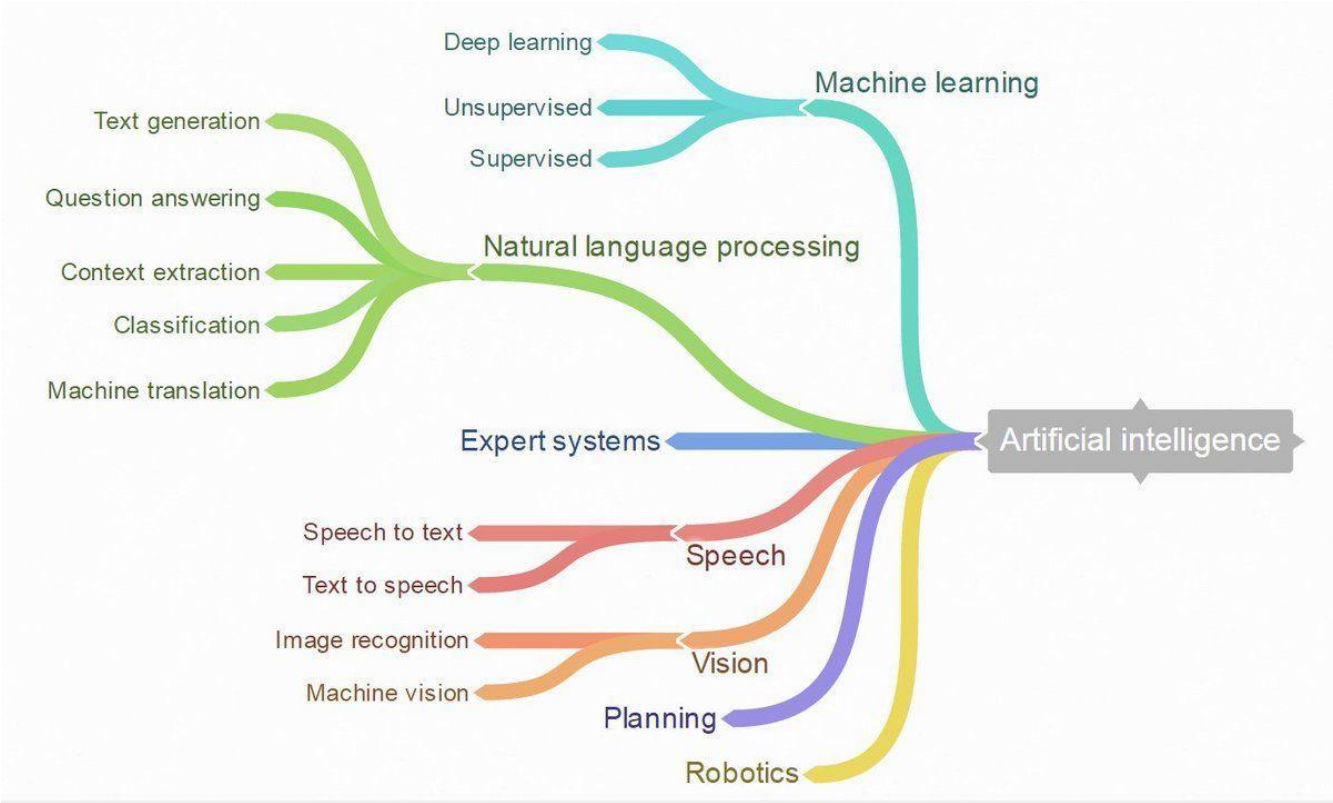
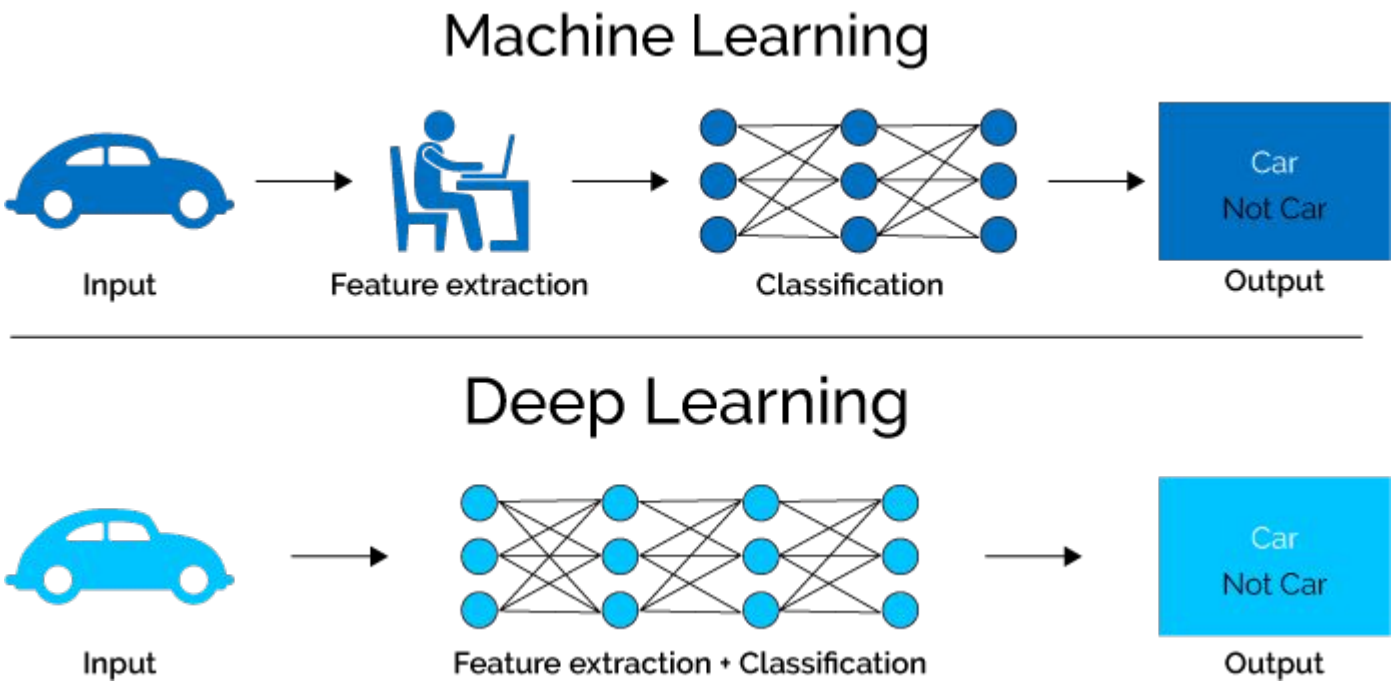
AI? Buzz Word?


Neural Networks
Cognitive System
Planning
Knowledge
Artificial Intelligence
Robotics
Perception
Machine Learning
Natural Language Processing

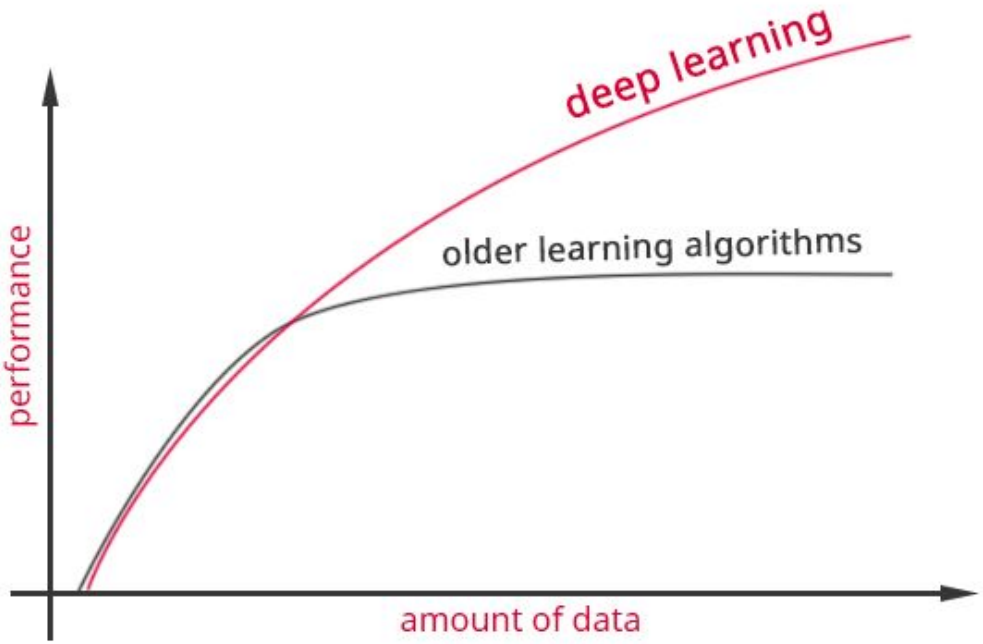
AI Demystified



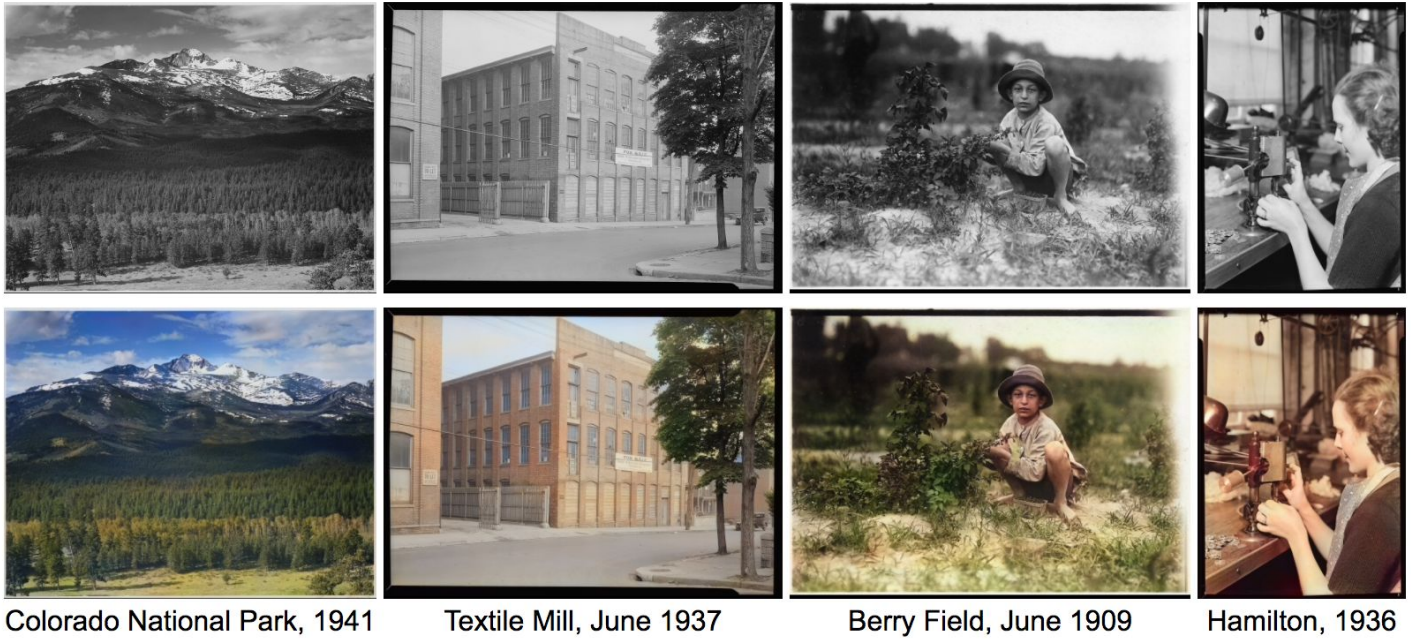
Machine Learning vs Deep Learning



Why Deep Learning?

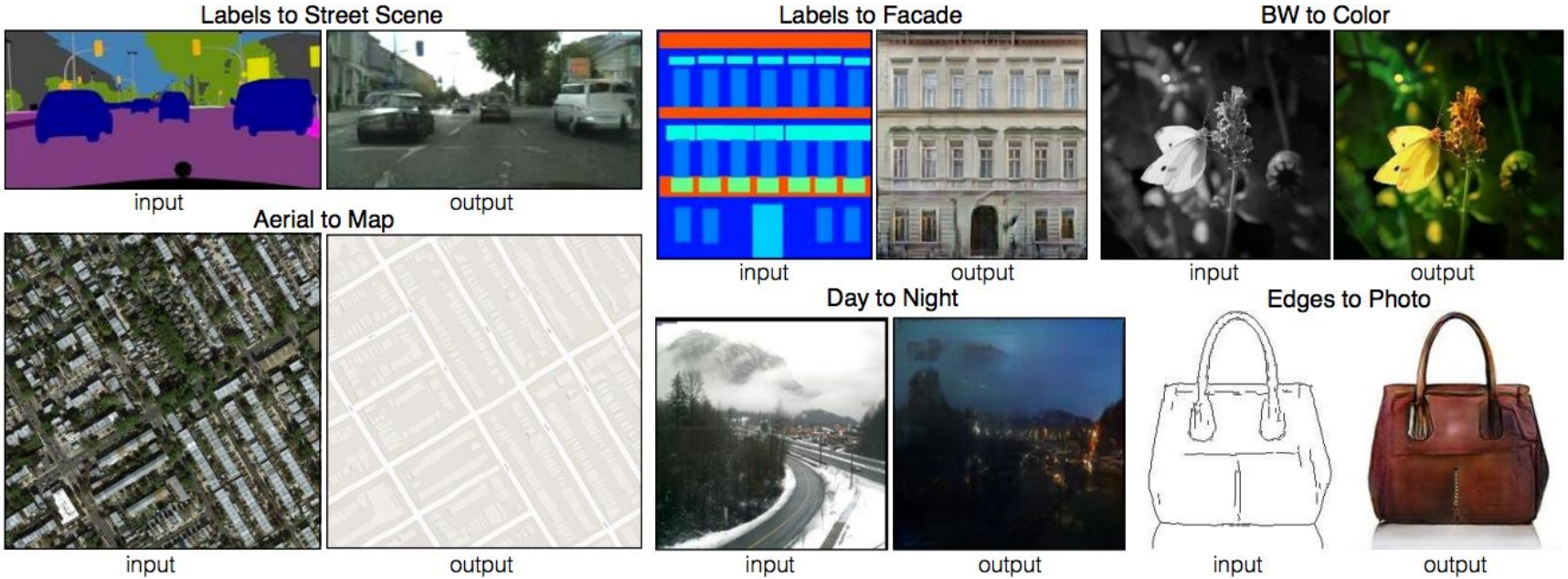


Cool Deep Learning Work (1)

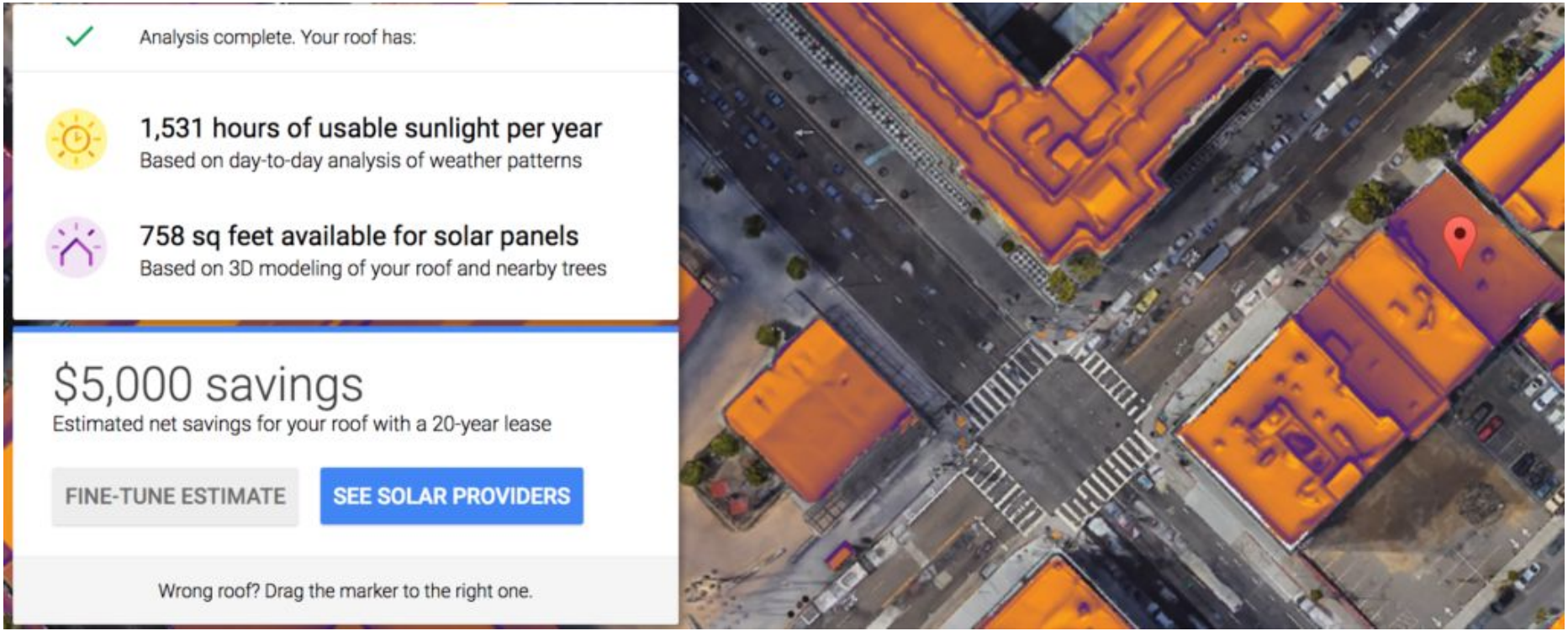


Colorado National Park, 1941 Textile Mill, June 1937 Berry Field, June 1909 Hamilton, 1936

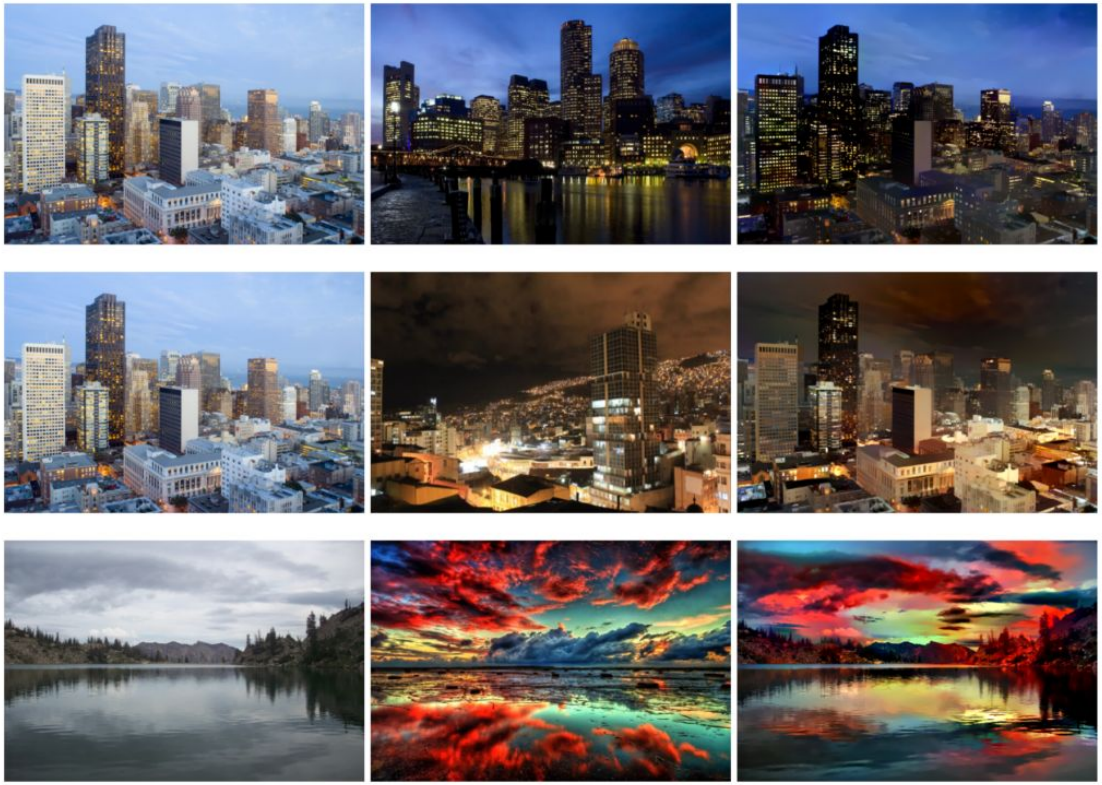
Cool Deep Learning Work (2)



Cool Deep Learning (3)



Cool Deep Learning (4)

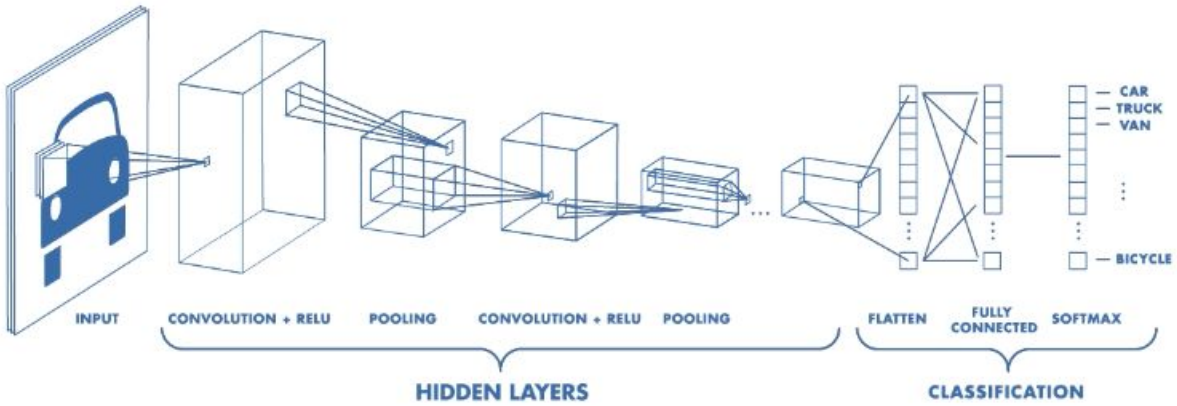


Cool Deep Learning (5)

Other Fascinating Work

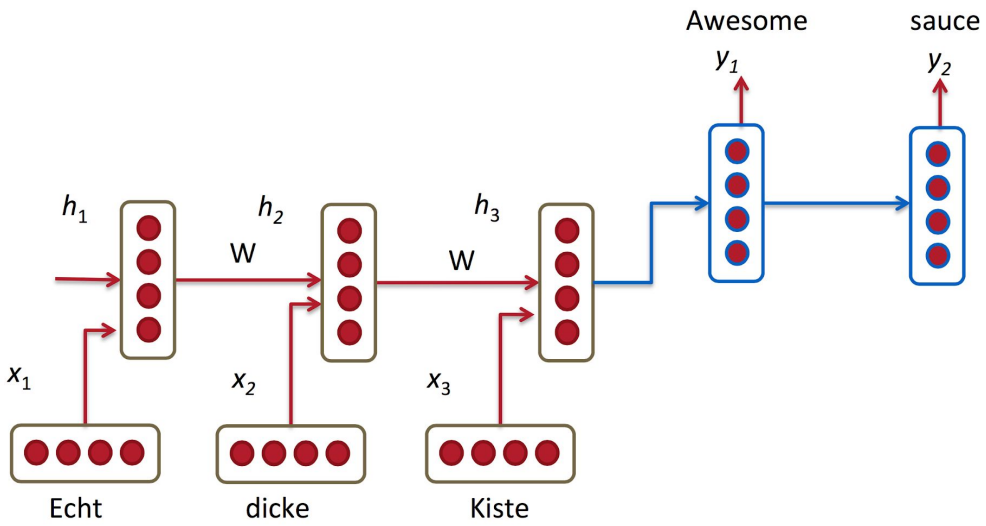
Nuts and Bolts of Deep Learning

Vision => CNN



Nuts and Bolts of Deep Learning

Sequence => RNN



How to get started?

Must => Introduction: https://work.caltech.edu/telecourse

If Vision? => Vision: http://cs231n.stanford.edu/

If NLP? => Language: http://cs224d.stanford.edu/

If DRL? => Deep Reinforcement Learning: http://rll.berkeley.edu/deeprlcourse/

Upcoming Events

- Paper Reading Sessions
- How to read deep learning papers?
- How to cope with the fast paced research in the field?
- How to conduct research?
- How to publish “GOOD” papers?
- Deep Learning Internships NUST => TUKL, CVML, SIGMA
- Deep Learning Internships Abroad => Europe, USA, Canada
- Hands On Deep Learning Frameworks Workshops => Tensorflow, Keras etc

Any Questions?