DEV-ES.ORG

MACHINE LEARNIG GETTING STARTED

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ABOUT ME

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YOU WILL LEARN

- Why Machine Learning
- What you need know
- How start
- Basic tools
- Some code examples



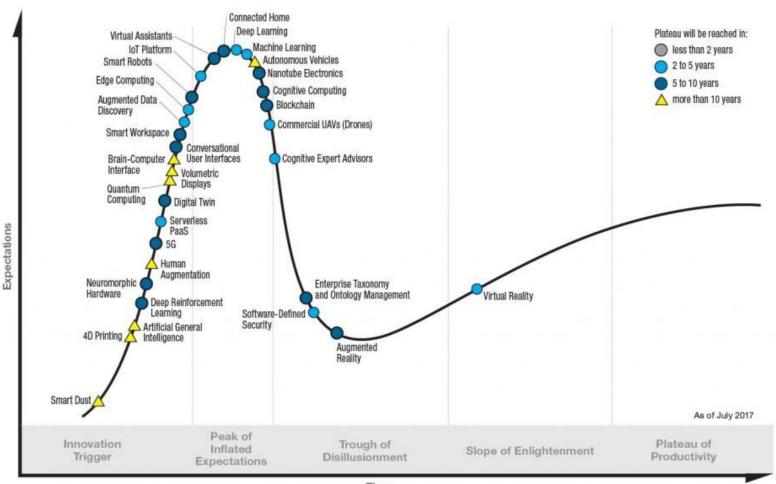
WHY MACHINE LEARNING?

Artificial Intelligence is the New Electricity

- Andrew Ng



Gartner Hype Cycle for Emerging Technologies, 2017



Time

gartner.com/SmarterWithGartner

Source: Gartner (July 2017)
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The biggest companies in the world do not invest billions in hypes and fads.

The investment in machine learning is a natural evolution in technology. The features being demanded in today's software are not CRUD operations and simple visualizations. They are features that resemble 'reasoning' and automated decision making such that end users are free to do what humans are naturally good at; being creative and working on strategy.

Sean McClure



REQUIRED SKILLS

1 Basic math

Programming Fundamentals

Good english reading



OPEN SOURCE TOOLS























PYTHON

Stable

Easy to learn

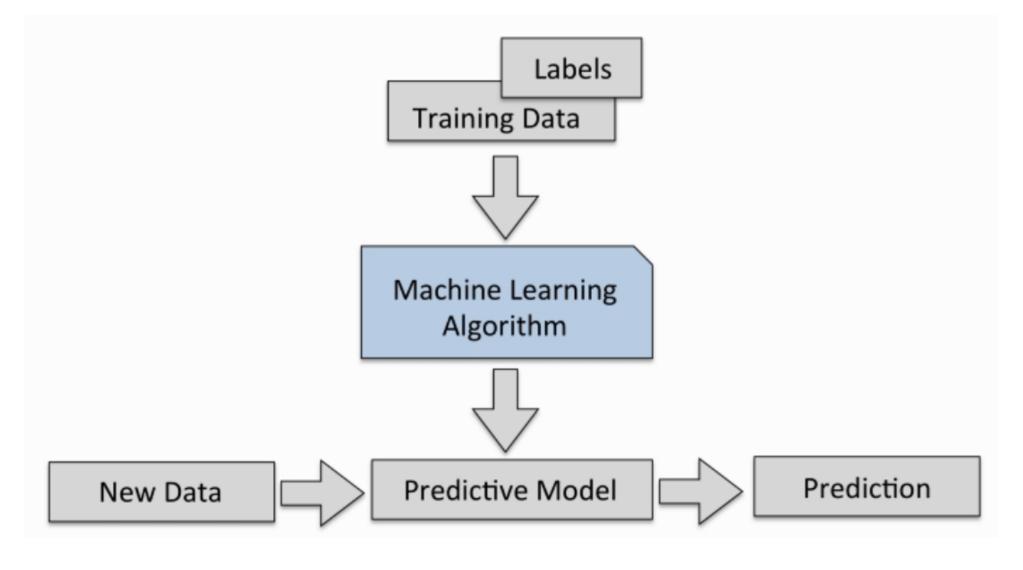
Good performance

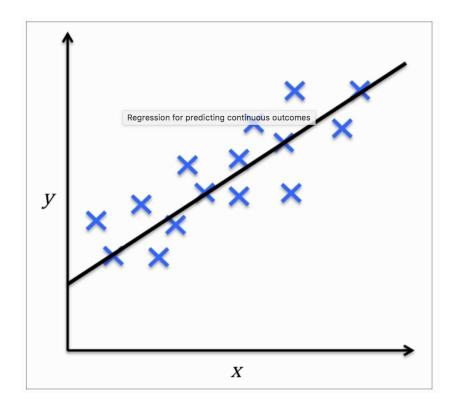
Vast resources

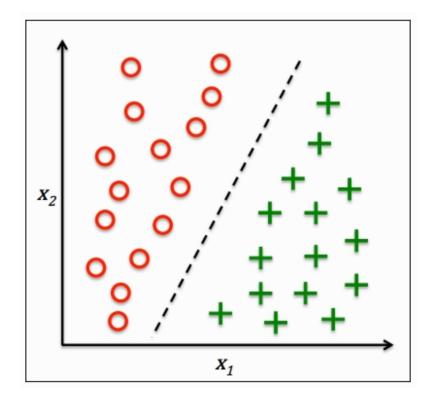
TYPES FO MACHINE LEARNING

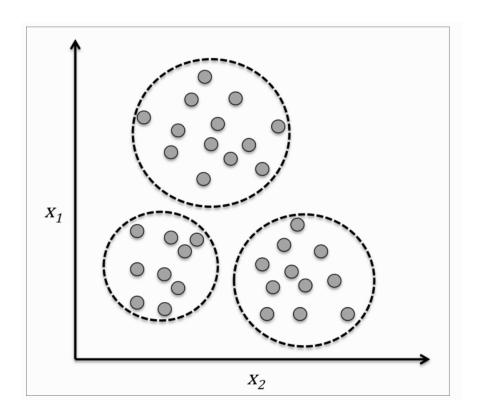
Unsupervised Learning Supervised Learning

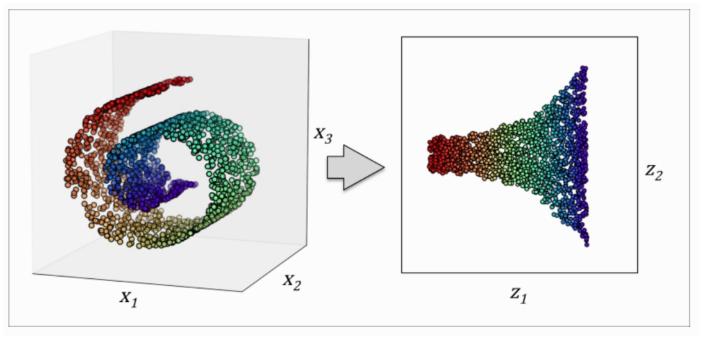
Reinforcement Learning













Talk is cheap. Show me the code.

— Linus Torvalds —

AZ QUOTES

RESOURCES

HTTPS://UDACITY.COM/COURSES/UD120

HTTPS://UDACITY.COM/COURSES/UD262

HTTPS://UDACITY.COM/COURSES/UD359

HTTPS://WWW.EDX.ORG/COURSE/MACHINE-LEARNING-COLUMBIAX-CSMM-102X-1

HTTPS://WWW.UDEMY.COM/MACHINE-LEARNING-E-DATA-SCIENCE-COM-PYTHON

HTTPS://GITHUB.COM/PETRONETTO/DEV-ES-CONF-2017

