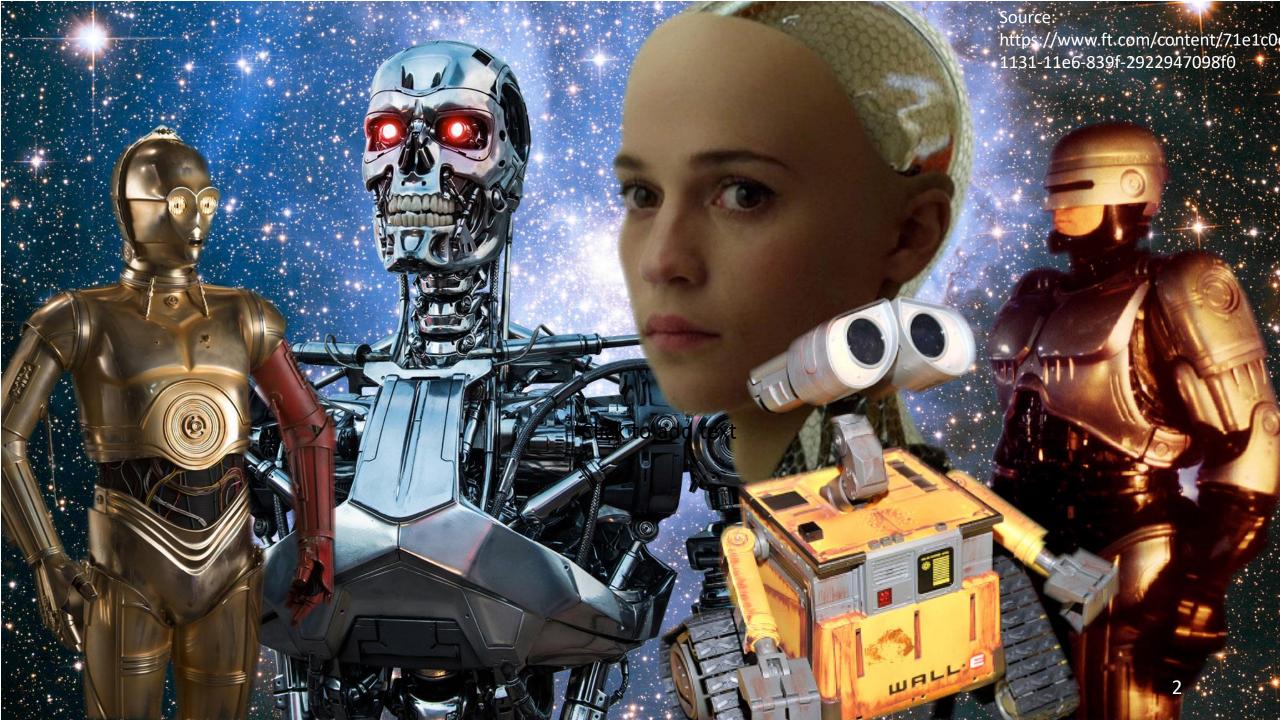


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2060

2040

Artificial General Intelligence

Equal to Human intelligence

Artificial Super Intelligence

Far Greater than Human intelligence

Today

Artificial Narrow Intelligence

Less than Human intelligence

Source: https://master-iesc-angers.com/artificial-intelligence-machine-learning-and-deep-learning-same-context-different-concepts/

90's Media: AI WILL DESTROY THE WORLD IN A DECADE

That Al today:



What is Artificial Intelligence?

- intelligence demonstrated by machines, as opposed to the natural intelligence displayed by animals
- perceives its environment and takes actions that maximize its chance of achieving its goals

Are AI, ML, and DL the same?

ARTIFICIAL INTELLIGENCE

Any technique that enables computers to mimic human behavior



MACHINE LEARNING

Ability to learn without explicitly being programmed

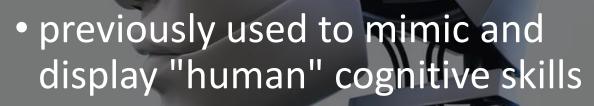


DEEP LEARNING

Extract patterns from data using neural networks

3 1 3 4 7 2

Is Al just about about mimicking Human Behaviour?



 now described in terms of rationality and acting rationally

Al Applications



search engines



recommendation systems



Speech recognition



self-driving cars



competing at games

Skills Needed in this Field



Programming (mainly on Python)



Linear Algebra



Multivariate Calculus



Probability (esp. Conditional one)

Al Inspiration

Human Brain

Evolution

Types of Learning



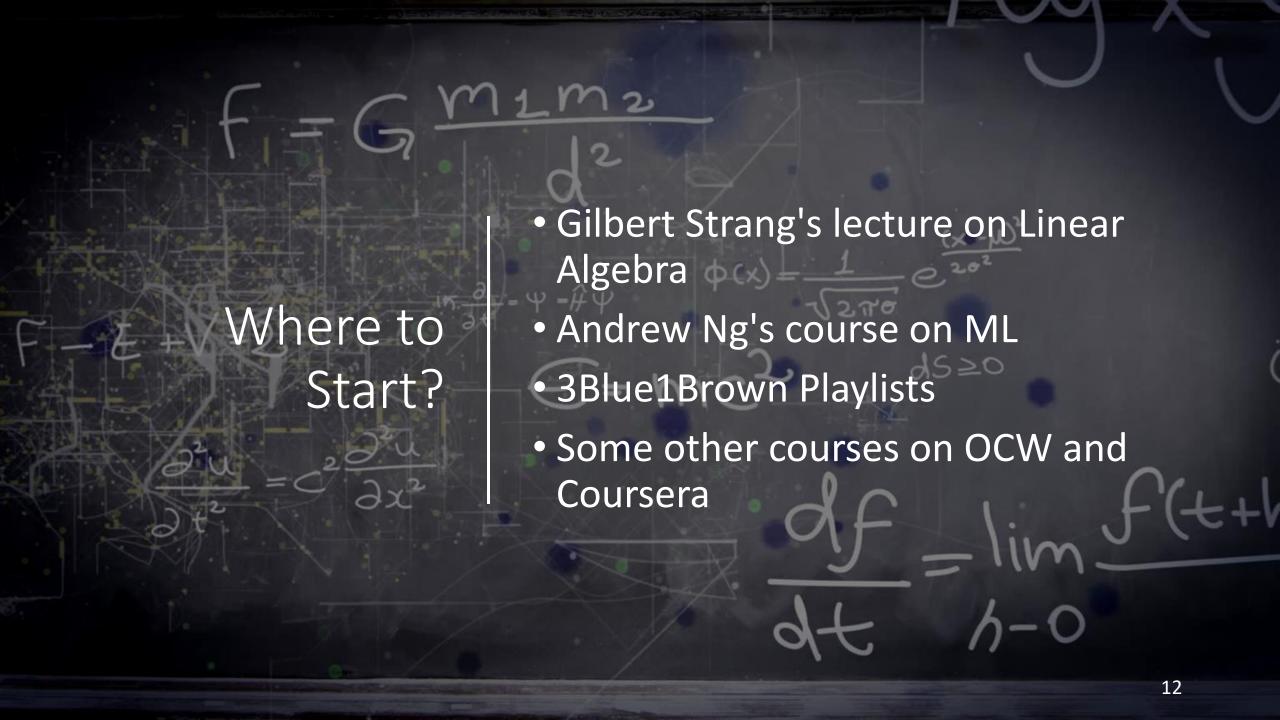




Supervised Learning

Unsupervised Learning

Reinforcement Learning



With Great Power Comes Great Responsibility



