

AI – friend or foe for insurance businesses?

Humans and AI - A Centaur Approach

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20 March 2019

AI Magic?

Forbes Billionaires Innovation Leadership Money Consumer

541,684 views | Jul 31, 2017, 11:26am

Facebook AI Creates Its Own Language In Creepy Preview Of Our Potential Future

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Researchers shut down AI that invented its own language

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Technology > Facebook

'Robot intelligence is dangerous': Expert's warning after Facebook AI 'develop their own language'

The bots - known as Alice and Bob - developed their own language spontaneously.

THE Sun THE SUN, A NEWS UK COMPANY

< WBIZ NEWS FABULOUS MONEY MOTORS TRAVEL TECH DEAR

All Tech Science Phones & Gadgets Gaming

ROBOSTOP Facebook shuts off AI experiment after two robots begin speaking in their OWN language only they can understand


Experts have called the incident exciting but also incredibly scary

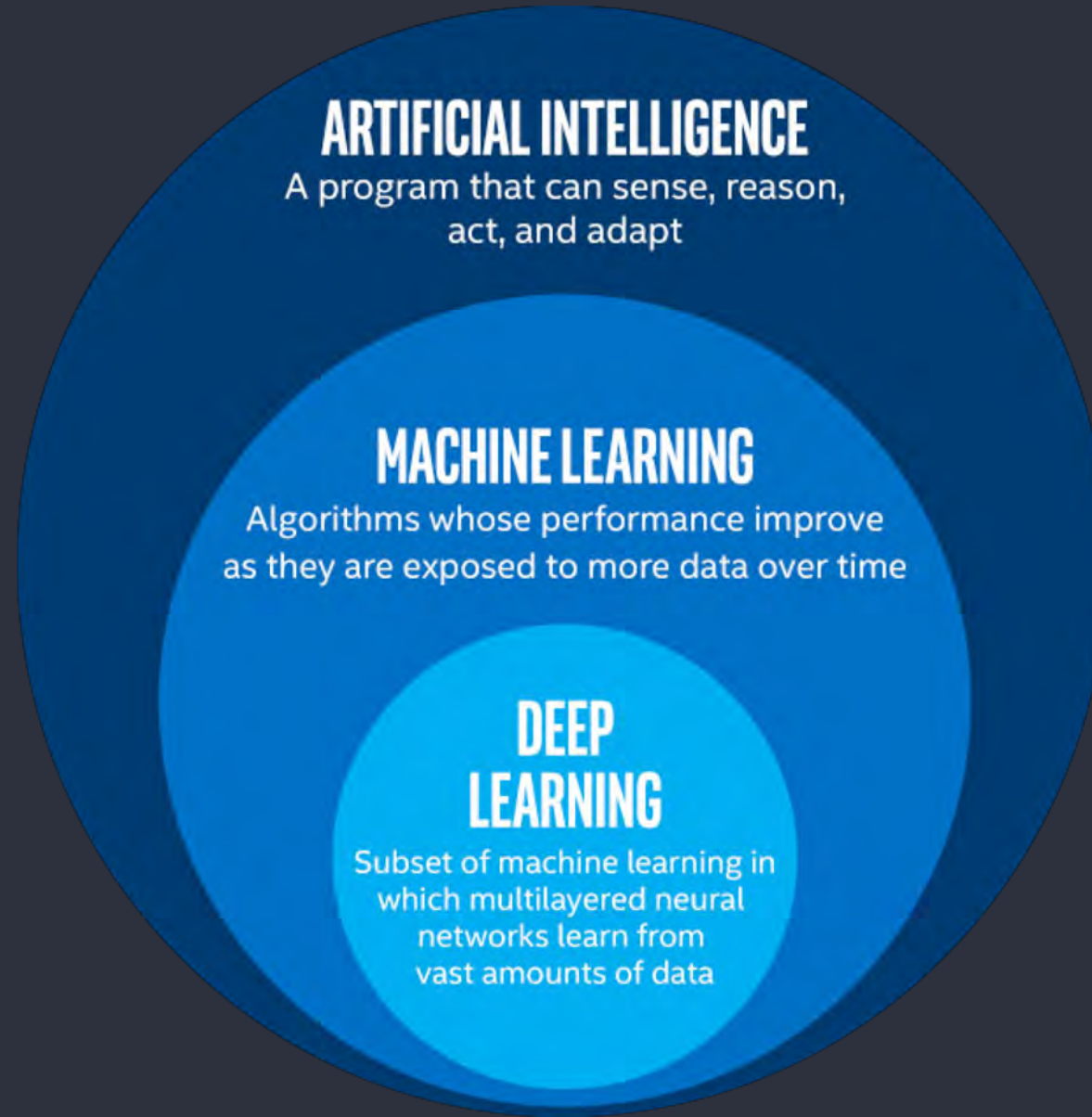
By James Beat and Andy Jebring
1st August 2017, 12:03 am | Updated: 2nd August 2017, 4:55 am

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FACEBOOK shut down an artificial intelligence experiment after two robots began talking in a language only they understood.

The "chatbots" Alice and Bob modified English to make it easier for them to communicate — creating sentences that were gibberish to watching scientists.





Chess Grandmaster - Garry Kasparov



Source: <https://rarehistoricalphotos.com/kasparov-deep-blue-1997/>

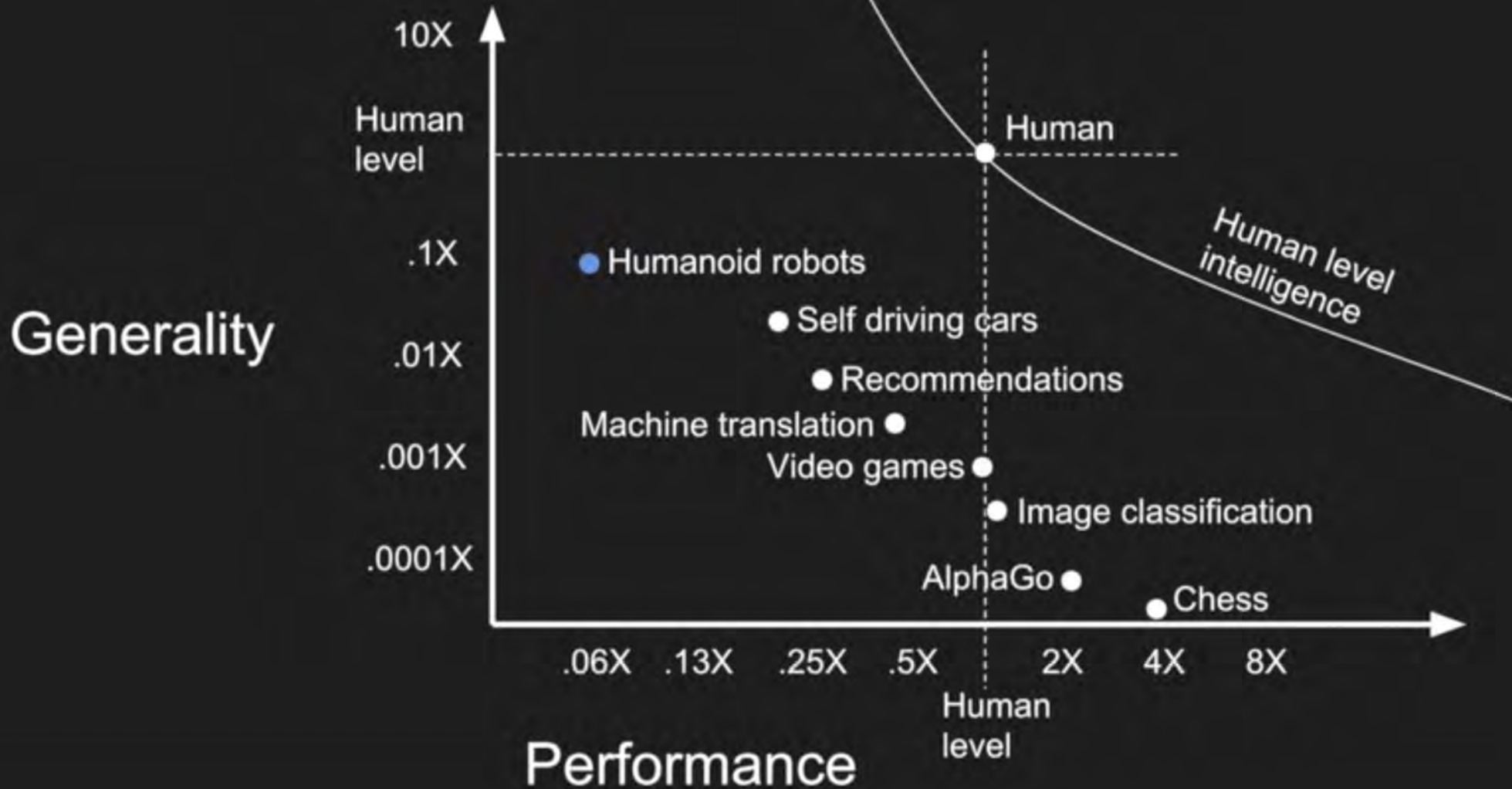
Human vs Machine - 90's

February 1996: Kasparov 4 - 2 Deep Blue

May 1997: Kasparov 2.5 - 3.5 Deep Blue



Human Intelligence Perspective

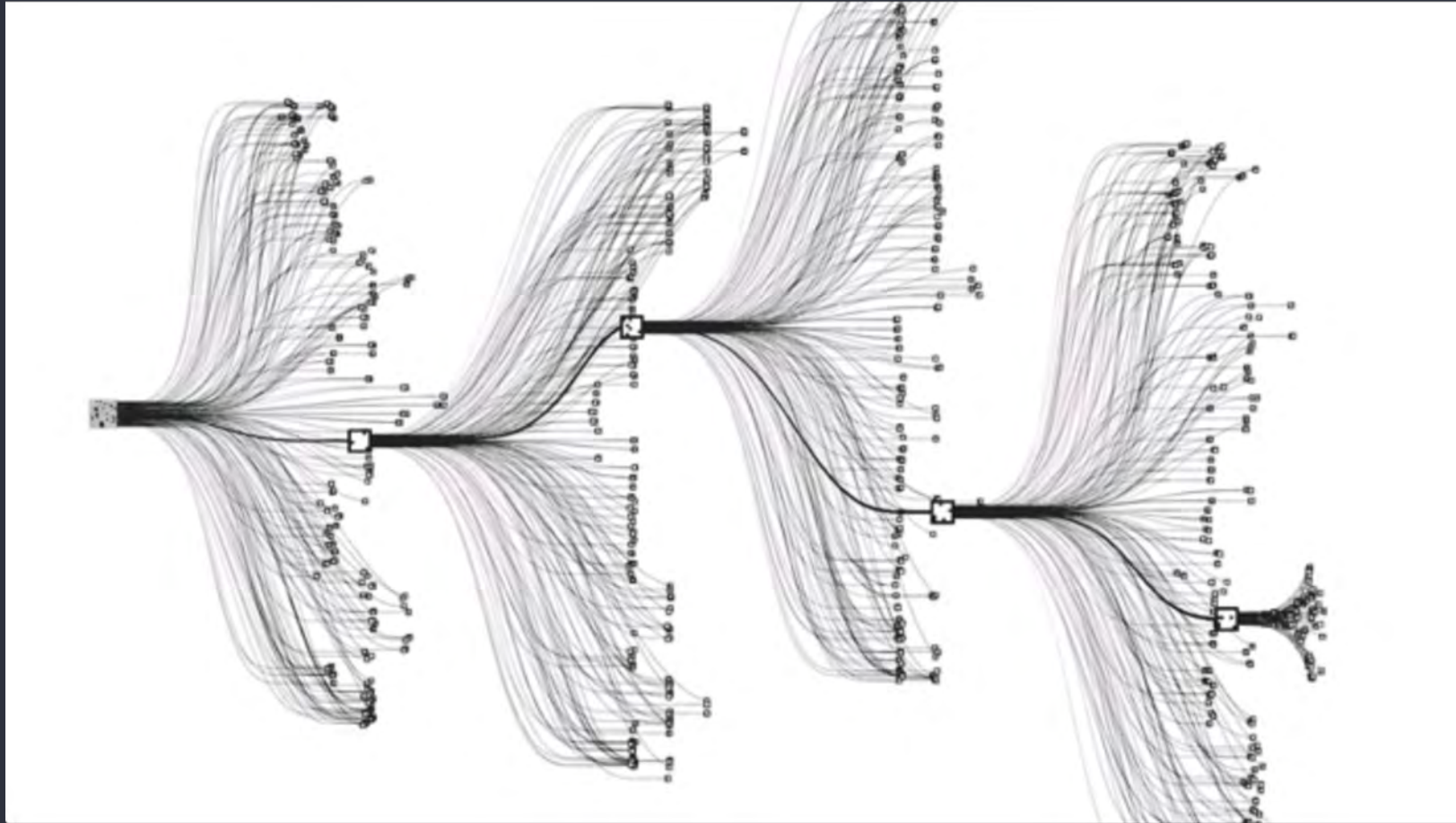


Human vs Machine - 2016



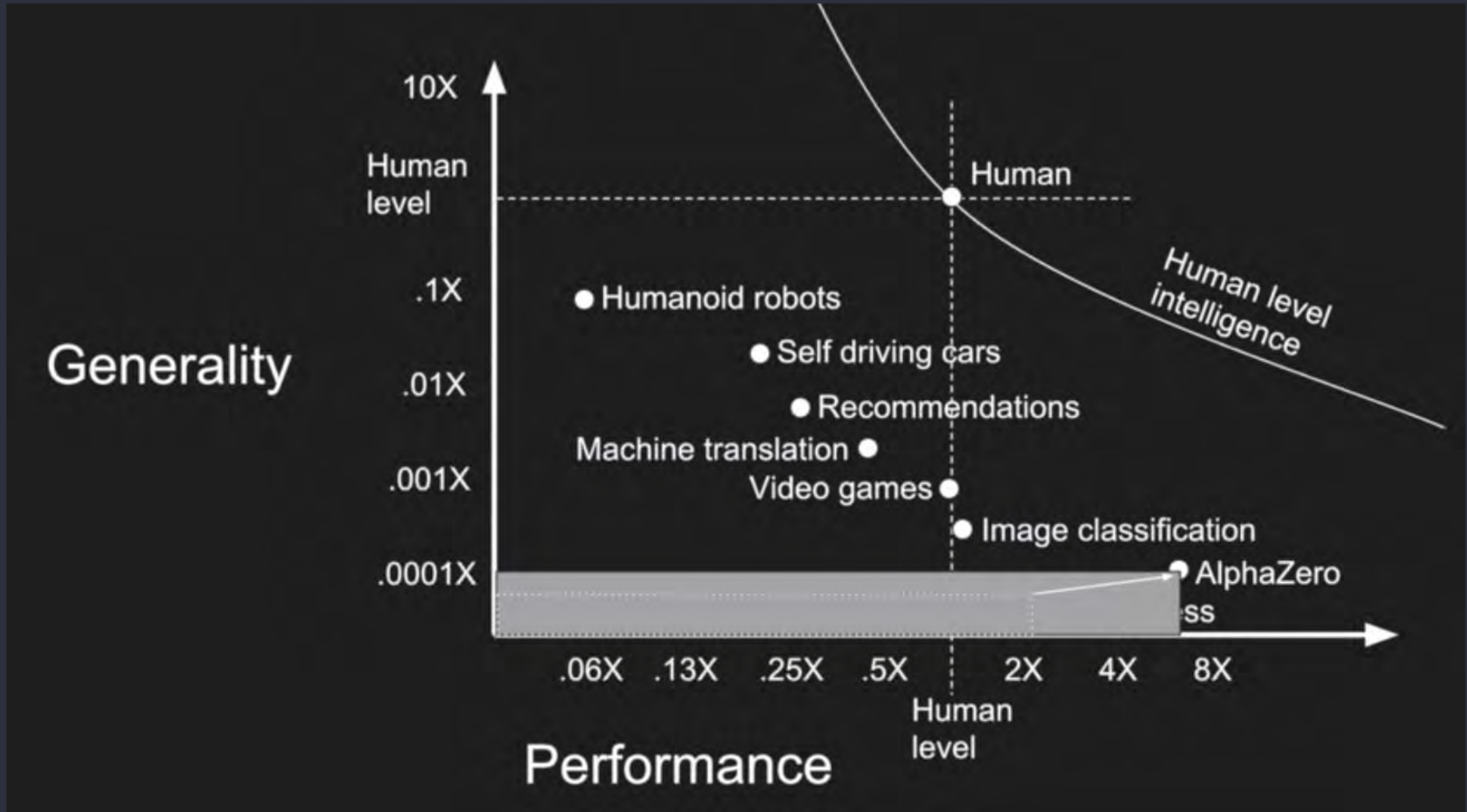
March 2016: Lee Sedol 1 - 4 AlphaGo

Learning to Learn (MCTS)



October 2017: AlphaGo 0 - 100 AlphaGo Zero

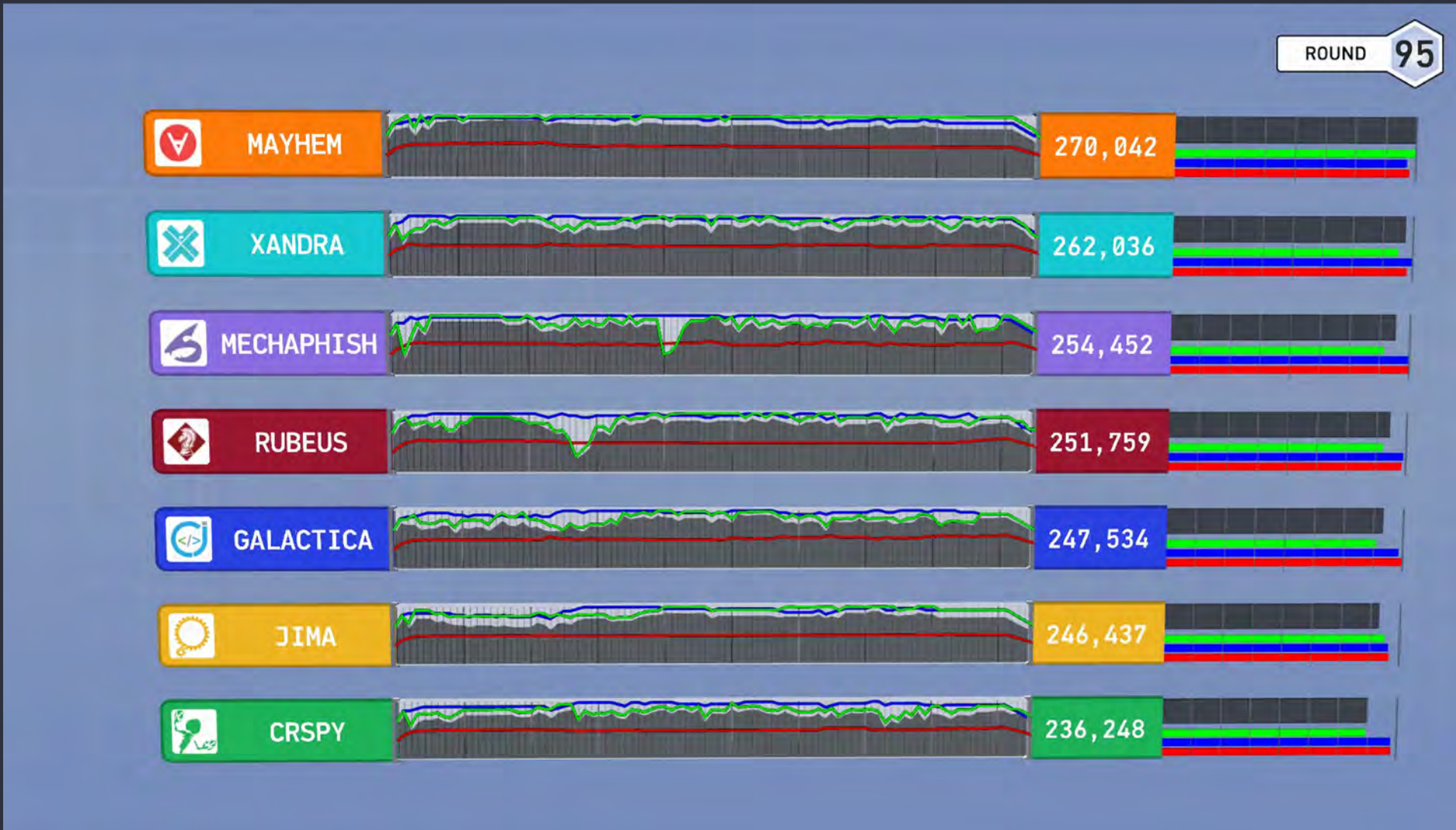
Alpha Zero



DARPA Cyber Grand Challenge

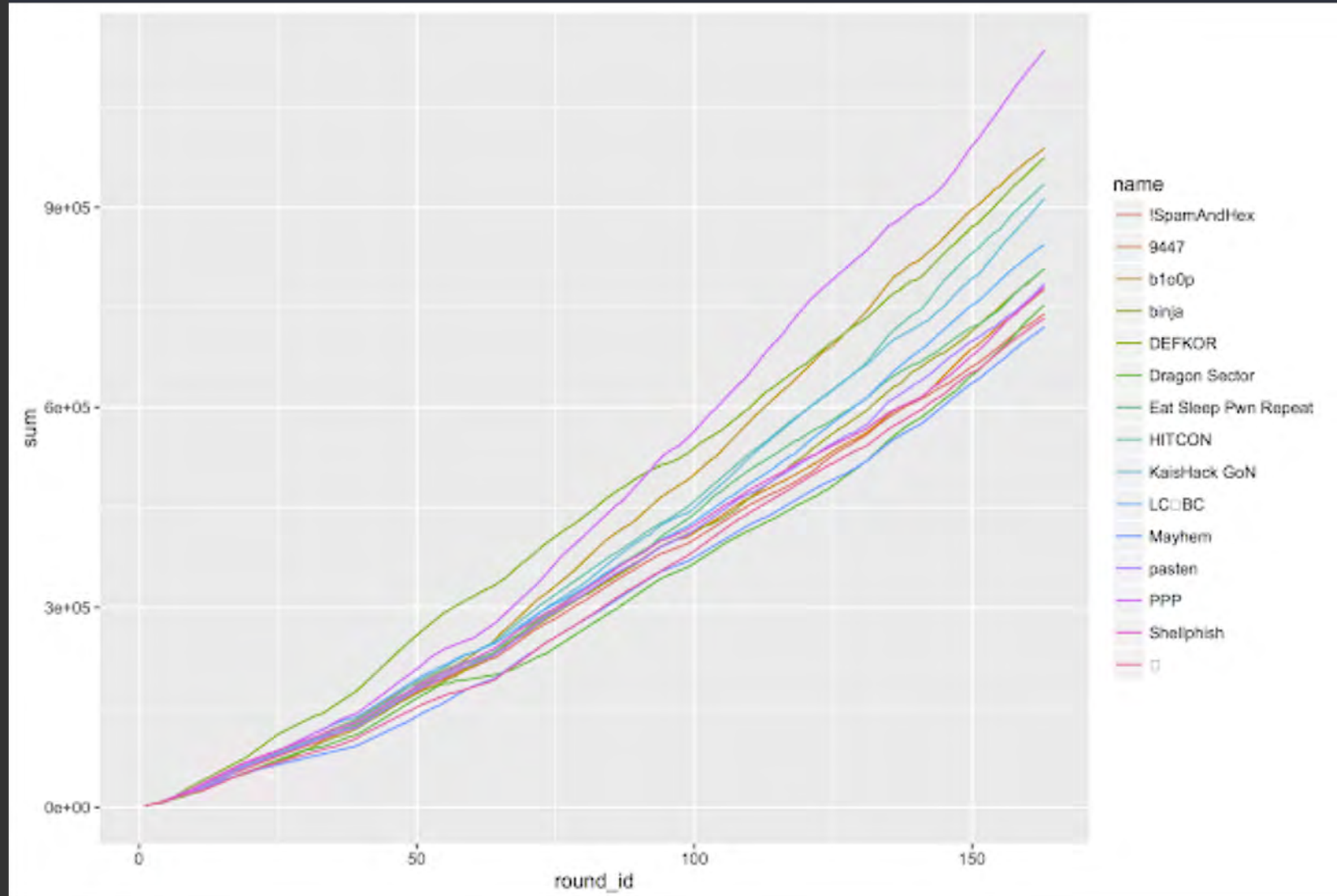


DARPA Cyber Grand Challenge Live Scoring

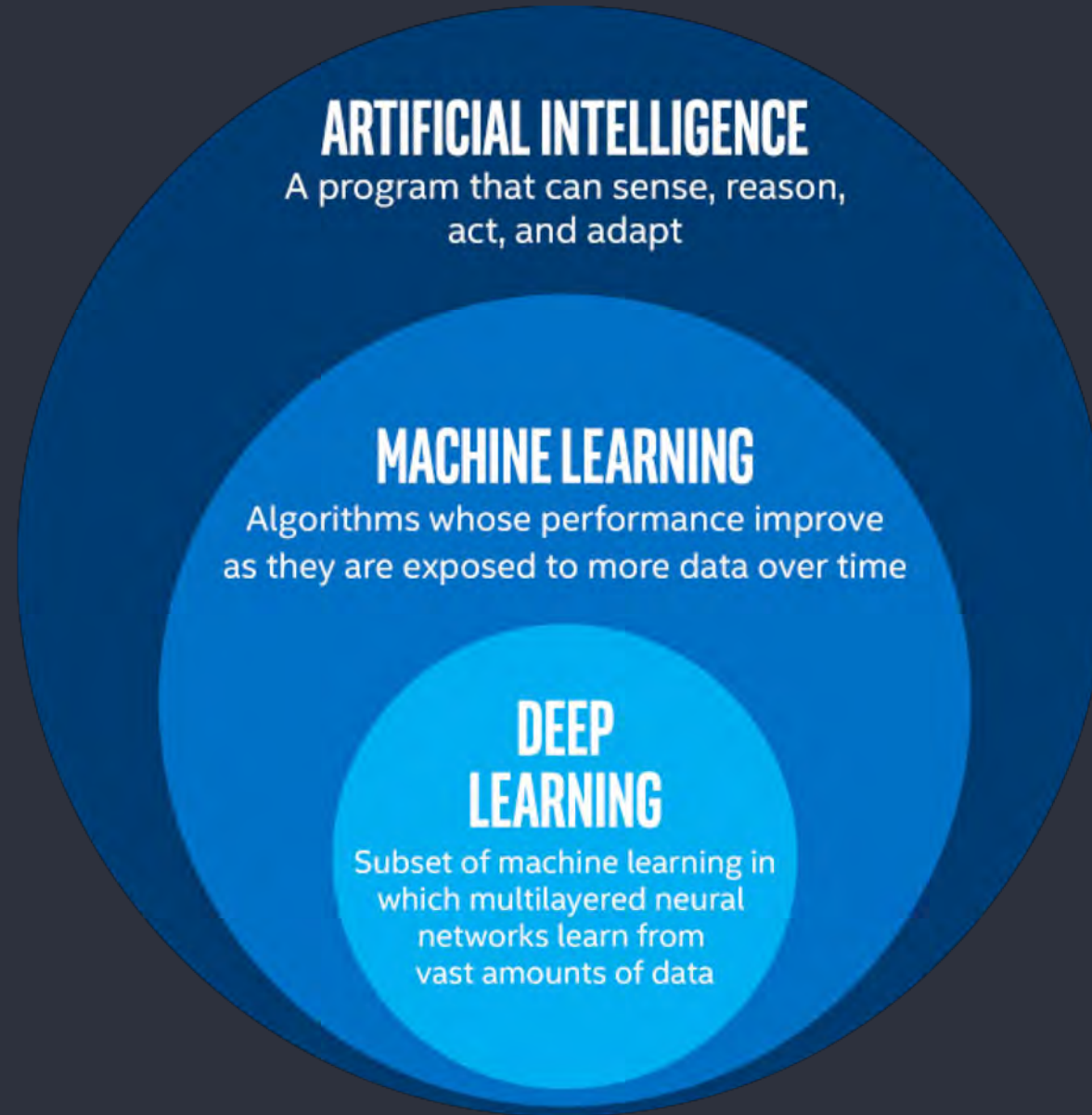


2016 DEF CON Capture the Flag Results

Team	Final Score
PPP	113555
b1o0p	98891
DEFKOR	97468
HITCON	93539
KaisHack GoN	91331
LC↓BC	84412
Eat Sleep Pwn Repeat	80859
binja	80812
pasten	78518
Shellphish	78044
9447	77722
Dragon Sector	75320
!SpamAndHex	73993
侍	73368
Mayhem	72047



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Centaur Theory - Human/Machine Teaming



“...a bigger deal was in 2005. Two amateur chess players using three PCs, won a chess tournament, against a field of supercomputers and grandmasters.”

--Bob Work, Deputy U.S. Secretary of Defense

“weak human + machine + better process

was superior to

strong human + machine + inferior process”

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