

NIC

2019

Artificial Edition

6-8 February



AI is going to change your world, too!

Elin Hauge

AI Evangelist & Strategist, Crayon Inmeta

@HaugeElin



A woman with blonde curly hair and black-rimmed glasses is wearing a schoolgirl costume. She has a blue and white plaid short-sleeved shirt with a black bow tie, black overalls with red suspenders, white knee-high socks, and black Mary Jane shoes. She is posing with one hand on her hip. Overlaid on the image is the word "Clueless" in a large, red, 3D-style font with diagonal white stripes.

Clueless

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The next 40 minutes...

- ✓ What's up with AI?
- ✓ Applications of AI
- ✓ Data - the enabling foundation
- ✓ AI changes the dynamics between
business and IT
- ✓ AI in society
- ✓ Famous last words



So, what's up with AI?





Main categories of artificial intelligence

SEE

Computer Vision



E.g. classification of technical drawings

HEAR / READ

Natural Language Processing

of restoring Internet freedom, I'd like to recommend the commission to lower grab to control Internet access. Americans, as opposed to Washington by the services they desire. The Obama/Wheeler power grab to control Internet the open Internet. It ended a hands-off policy that worked exceptionally with bipartisan support.",
: With respect to Title 2 and net neutrality. I want to encourage the FCC scheme to take over Internet access. Individual citizens, as opposed to, would be able to select whichever services they desired. Barack Obama's scheme is a corruption of net neutrality. It ended a free-market approach ably smoothly for many years with bipartisan consensus.",
ents re: net neutrality regulations. I want to suggest the commission to take over the Internet. People like me, as opposed to so-called experts, never products they choose. Obama's plan to take over the Internet is a "it broke a pro-consumer system that performed fabulously successfully for and Democrat support.",
very worried about restoring Internet freedom. I'd like to ask the FCC to policy to regulate the Internet. Citizens, rather than the FCC, deserve to ces we prefer. The Obama/Wheeler policy to regulate the Internet is a per net. It disrupted a market-based approach that functioned very, very smoothly and Democrat consensus.",
ference to net neutrality. I would like to suggest Chairman Pai to reverse ol the web. Citizens, as opposed to Washington bureaucrats, should be em ts they prefer. Obama's scheme to control the web is a betrayal of the of is-off approach that functioned very, very successfully for decades with

E.g. tagging and routing of emails

MOVEMENT

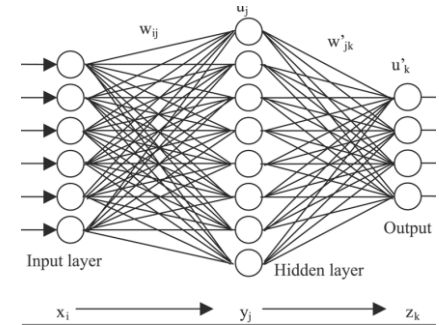
Biomechanics



E.g. egg sorting robot arms

REASONING

Make decisions and learn



E.g. predictive maintenance



1,438 views | Jan 24, 2019, 06:24am

2019: The Year AI Goes Beyond The Hype



Daniel Pitchford Contributor

[AI & Big Data](#)

I write about AI and its transformative effect on all major industries

The past year has shown the power of artificial intelligence (AI) around the world. Globally, businesses and governments saw 2018 as the breakout year for AI, with venture capitalists pushing 47% more investment in 2018 into AI businesses in the UK alone. The increased use of AI had a seismic impact on consumers' daily lives in ways many do not even realise – take, for example, daily Spotify and Netflix recommendations.



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Applications of AI

Intelligent Machines

Amazon Has Developed an AI Fashion

The retail giant is taking a character approach to fashion.

by Will Knight August 24, 2017







Rolls-Royce

Digitalisering gir nye vekstmuligheter for norsk industri

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MEETING / 24 MAY, 2017

Technology Innovation To Support Paris Agreement Implementation



During the recent UN Climate Change Conference in Bonn (8–18 May), a [special event on innovation](#) underlined the importance of technological innovation for achieving the goals of the Paris Climate Change Agreement.

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Report Summary —

The EAT- Lancet Commission on Food, Planet, Health

Can we feed a future
population of 10 billion
people a healthy diet within
planetary boundaries?

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Erna Solberg

Erna Solberg, statsminister (H)

Med egne ord

Rustet for digital revolusjon

Norge må utnytte mulighetene robotisering, kunstig intelligens, stordata og annen ny teknologi gir.

Publisert: 25.01.19 — 19.50 Oppdatert: 7 dager siden



DN

Mitt DN



Endelig i gang med en nasjonal strategi for kunstig intelligens

Regjeringen har endelig startet arbeidet med en etterlengtet nasjonal strategi.

Publisert: 05.02.19 — 17.53 Oppdatert: en time siden



Statsminister Erna Solberg og digitaliseringsminister Nikolai Astrup har startet arbeidet med en lenge [Mer...](#)

Magnus Eidem

Følg meg

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It is **NOT** about use cases

It is about **ACCESS TO DATA**

Data – the enabling foundation



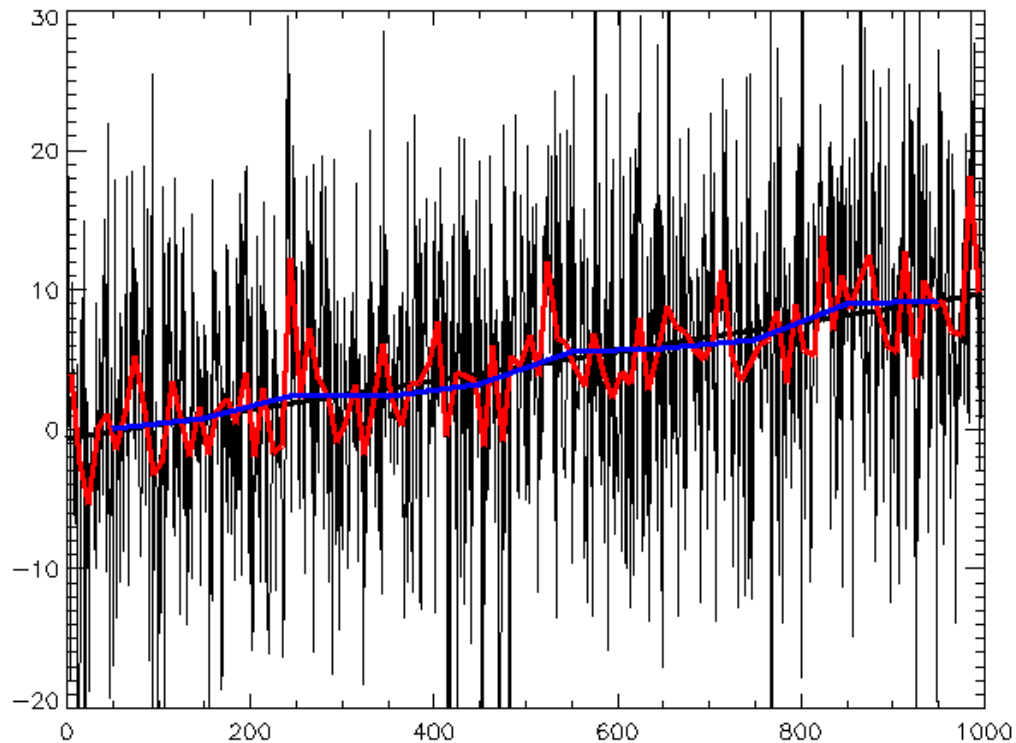
26bn devices
in 2019

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Time series



Source: Wikipedia

~~DELETE~~

~~UPDATE~~

INSERT

«*Democratize
AI!*»



«Make AI
transparent!»

Fact:

Machine learning is the main method of AI.

Machine learning is mathematics and statistics formulated as computerized algorithms.



AI changes the dynamics between business and IT

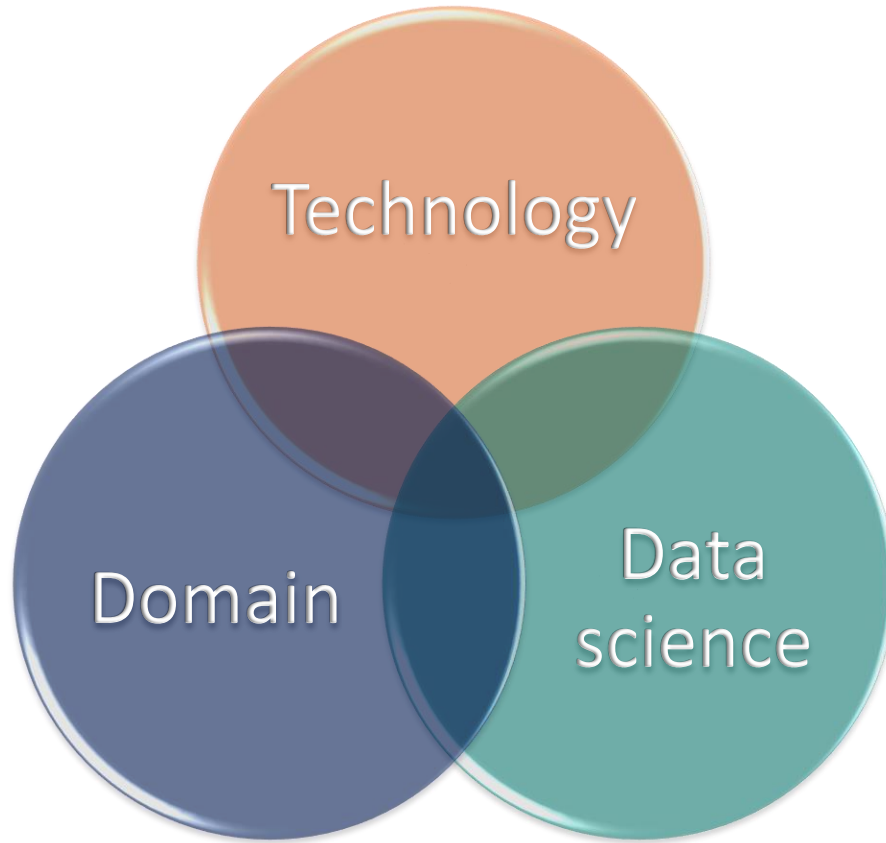
Role Of CIO Is Changing And Growing In Importance, Say New Forbes Insights Studies



Forbes Corporate Communications Forbes Staff

NEW YORK (March 28, 2018)—Digital technology is increasingly transforming industries, seeping into every part of the business and escalating as a corporate priority. It's therefore no surprise that the role of the chief information officer (CIO) is also transforming and increasing in importance.

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AI in society
- a couple of reflections



Data is neutral

- subset of history
- selection bias introduced by human interference

AI is neutral

- algorithms only reflect the training data

Human interpretation is biased, stereotyped, and prejudiced

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RESPONSIBILITY



Photo by Liane Metzler on Unsplash

Famous last words... 😊

Revoke UPDATE, DELETE on everything by everyone;

For all new data <> [empty]

INSERT new row

Copy old row to history_table

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