

# Data Science News

Monsanto working with startup Data Robot to accelerate data science within their organization. Monsanto's Data Science Lead Naveen Singla explained "They're not necessarily experts on data science, but they can use those tools to accelerate their domains

<https://www.forbes.com/sites/alexknapp/2018/03/07/why-monsanto-partnered-with-this-startup-to-power-its-agricultural-data-science/#68cea6b69fcc>

New York Times is giving data science tools to marketers to help drum up new business. This is part of a larger trend within the publishing business as they seek new revenue models

<https://www.wsj.com/articles/new-york-times-adapts-data-science-tools-for-advertisers-1518714077>

A recent report by Bloomberg, citing information by Eurekahedge, reveals that data science ran group of hedge funds saw its worst month on record in February.

<https://www.investopedia.com/news/ai-hedge-funds-had-historically-terrible-month/>

Machine laughing? Amazon's Alexa is freaking people out with unprovoked chuckle

<https://www.geekwire.com/2018/machine-learning-laughing-amazons-alexa-freaking-people-unprovoked-chuckle/>

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Google launches repository for machine learning and AI along with free ML crash course

[https://ai.google/education#?modal\\_active=none](https://ai.google/education#?modal_active=none)

NSynth Super is part of an ongoing experiment by Magenta: a research project within Google that explores how machine learning tools can help artists create art and music in new ways.

<https://futurefive.co.nz/story/google-makes-music-machine-learning/>

Google open sources neurla network for finding exoplanets from NASA data

<https://www.techrepublic.com/article/google-open-sources-machine-learning-tech-it-used-to-find-new-planets/>

Google is working on a pilot project with the DoD which leverages TensorFlow APIs to assist in object recognition on unclassified data

<http://www.zdnet.com/article/pentagon-using-googles-tensorflow-apis-to-analyze-drone-footage/>

Tensorflow 1.6:

Add convolutional Flipout layers. Add probabilistic convolutional layers. Added client-side throttle for Google Cloud Storage'

<https://github.com/tensorflow/tensorboard/releases/tag/1.6.0>

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“Do not be seduced into thinking [artificial intelligence] is different than any other IT application—it is not,” said Alexander Kott, chief scientist at the Army Research Lab. “AI is not a magic dust.”

<http://www.nextgov.com/emerging-tech/2018/03/artificial-intelligence-not-right-tool-everything-top-army-scientist-says/146644/>

Lawmakers worry declining federal research and development dollars could stunt the development of new artificial intelligence tools and set the country back in the race for global dominance in the emerging technology.

<http://www.nextgov.com/emerging-tech/2018/03/lawmakers-worry-us-losing-its-edge-artificial-intelligence/146524/>

China has shot ahead of the US on deep learning patents according to a report published in mid-February by US business research firm CB Insights

<https://qz.com/1217798/china-has-shot-far-ahead-of-the-us-on-ai-patents/>

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Machine learning models keep getting spoofed by adversarial attacks. It's not clear if this can ever be fixed, it is more of an unending arms race

<https://boingboing.net/2018/03/09/ai-arms-race.html>

Researchers at the Stanford University School of Medicine say the furious pace of growth in the development of machine-learning tools calls for physicians and scientists to carefully examine the ethical risks of incorporating them into decision-making. Must look at data, source of data, potential for bias, should look for reproducibility, question impact on confidentiality, ...

<http://med.stanford.edu/news/all-news/2018/03/researchers-say-use-of-ai-in-medicine-raises-ethical-questions.html>

Machine learning is growing in importance in radiology departments, as a majority of top imaging executives expect to use it within the next three years. Questions are arising though about many implications which it may have including financial, legal, etc.

<https://www.healthdatamanagement.com/news/most-respondents-indicated-they-werent-familiar-with-machine-learning>

Microsoft's recent book, The Future Computed, proposed that Artificial Intelligence (AI) practitioners highlight their ethical commitments by taking an oath analogous to the Hippocratic Oath

<https://techcrunch.com/2018/03/14/a-hippocratic-oath-for-artificial-intelligence-practitioners/>