

# Data Science Indy: News

April 2019

# Data Science News

Data science incorrectly being used to justify decisions we've already made

<https://www.forbes.com/sites/kalevleetaru/2019/03/24/data-science-has-become-about-lending-false-credibility-to-decisions-weve-already-made/#69aa1fb31d87>

Machine learning is performing thyroid nodule diagnoses to support radiologists, boosting productivity and accuracy of radiologists

<https://www.healio.com/endocrinology/thyroid/news/online/%7B870711d4-9471-4c3c-b016-bec91e4a7906%7D/machine-learning-algorithm-may-diagnose-thyroid-nodules-better-than-radiologists>

Deep fakes have been used to make Jordan Peterson rapping "Lose Yourself."

[https://motherboard.vice.com/en\\_us/article/xwnqdg/machine-learning-can-make-jordan-peterson-rap-like-eminem](https://motherboard.vice.com/en_us/article/xwnqdg/machine-learning-can-make-jordan-peterson-rap-like-eminem)

DL was recently used to find two exoplanets

<https://www.technologyreview.com/s/613242/deep-learning-has-found-two-exoplanets-that-human-astronomers-missed/>

ML systems have been fooled in to giving out CC numbers, adding stickers to stop signs to make machine think it is a 45MPH sign <https://www.technologyreview.com/s/613170/emtech-dawn-song-adversarial-machine-learning/>

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Google, and others, offering cloud-based ML to compete for ML and cloud dollars

<https://www.wsj.com/articles/google-targets-cios-with-its-cloud-enabled-ai-push-11554912000>

AWS now offering deep learning containers (currently support TensorFlow and Apache MXNet, no PyTorch yet) to compete with others in the ML/Cloud space <https://www.infoq.com/news/2019/04/aws-deep-learning-containers>

Mozilla built BugBug for bug triaging

<https://hub.packtpub.com/mozilla-developers-have-built-bugbug-which-uses-machine-learning-to-triage-firefox-bugs/>

Apple hires Google AI expert Ian Goodfellow to direct its machine learning

<https://venturebeat.com/2019/04/05/apple-hires-google-ai-expert-ian-goodfellow-to-direct-machine-learning/>

Facebook's ad targeting platform was recently shown to have several race and gender stereotypes present even when targeted to broad audiences <https://theintercept.com/2019/04/03/facebook-ad-algorithm-race-gender/>

# Data Science Links

<https://ai.facebook.com/blog/aroma-ml-for-code-recommendation/> - Facebook: ML for code recommendation

<https://cloud.google.com/bigquery/docs/bigqueryml-intro> - BigQueryML: Create and execute machine learning models in BigQuery using standard SQL queries

<https://eng.lyft.com/amundsen-lyfts-data-discovery-metadata-engine-62d27254fbb9> - Amundsen— Lyft's data discovery & metadata engine