

Data Science News

January 2019

Data Science News

Top 5 issues for ML: choosing the wrong data set, choosing the wrong subset of data, modeling noise vs. signal (overfitting), bias in data collection, social biases in data

<https://www.techrepublic.com/article/top-5-ways-humans-bias-machine-learning/>

Fintech: Goldman Sachs is currently advertising around 100 jobs specifying that candidates must have machine learning skills globally <https://news.efinancialcareers.com/nl-en/331386/charles-elkan-goldman-sachs-machine-learning>

Researchers recently taught neural nets to count solar panels, they counted 1.47 million solar installations across the United States with a 93% accuracy rate

<https://www.technologyreview.com/the-download/612650/how-deep-learning-helped-to-map-every-solar-panel-in-the-us/>

Several DeepMind alumnus in the UK exited from Google to FAIR (FB) as their stock packages matured

<https://www.forbes.com/sites/samshead/2019/01/08/facebook-poaches-top-research-scientist-from-google-deepmind/#7f41b34f1014>

Zhang Tong, the director of Tencent's (NASDAQOTH:TCEHY) AI Lab, recently resigned after leading the unit for nearly two years <https://www.fool.com/investing/2019/01/09/tencent-loses-one-of-its-most-important-executives.aspx>

Data Science News

Amazon is using machine learning to send free samples you'll likely enjoy and purchase more of

<https://www.techspot.com/news/78177-amazon-using-machine-learning-send-free-samples-youll.html>

Amazon SageMaker Ground Truth to help companies create annotate training data sets for machine learning. Argument for probabilities included in the machine-learning process -- from data creation to data prep to training to inference

<https://www.zdnet.com/article/artificial-intelligence-has-a-probability-problem/>

Analytics India: Intel to rival NVidia with Nervana Neural Network Processor for Inference (NNP-I) chip

<https://www.analyticsindiamag.com/intel-to-rival-nvidia-in-the-machine-learning-market-with-its-latest-ai-chip/>

NVIDIA Wins First AI Benchmarks

<https://www.forbes.com/sites/moorinsights/2018/12/13/nvidia-wins-first-ai-benchmarks/#6373d11fe4a2>

Data Science News

Microsoft using ML for security service, claims to have brought down the false positive rate to .001 percent. This is the system that outed an intruder in Romania. <http://fortune.com/2019/01/05/microsoft-google-artificial-intelligence/>

It was reported in 2016 that the COMPAS program — or Correctional Offender Management Profiling for Alternative Sanctions — used by U.S. judges in some states to help decide parole and other sentencing conditions, had racial biases. Experts are working out how to fight it

<https://www.cnbc.com/2018/12/14/ai-bias-how-to-fight-prejudice-in-artificial-intelligence.html>

PyText is now open source, and it promises better ways to mine texts for meaning <https://github.com/facebookresearch/pytext>

New MIT course for self-driving cars you can follow along with <https://selfdrivingcars.mit.edu/deeptraffic/>

Jeff Bezos and His Wife, MacKenzie, Announce Divorce

<https://www.wsj.com/articles/jeff-bezos-and-his-wife-mackenzie-are-divorcing-11547048309>