

AI Ethics

Moira Oliver

Head of Policy & Chief Counsel, Human / Digital Rights
BT Group

In the news



How artificial intelligence is transforming tennis

Click goes to Wimbledon to see how artificial intelligence (AI) is being used to highlight the best moments in the tennis tournament and at the same time help players improve their game.

See more at Click's website and @BBCClick

11 Jul 2018



Amazon tool flags Congress members as suspects

By Jane Wollerton
Technology reporter

25 July 2018



Can we trust AI if we don't know how it works?

By Melissa Irlwin
Technology of Business reporter

15 June 2018



Artificial intelligence must be 'for common good'

16 April 2018 238



Ethics should be at the centre of the development of artificial intelligence (AI), a parliamentary report has said.

AI should "never" be given the "autonomous power to hurt, destroy or deceive" people, it adds.

Artificial intelligence school inspections face resistance

21 December 2017



Plans to use algorithms to identify failing schools have been criticised by the National Association of Head Teachers.



Google 'to end' Pentagon Artificial Intelligence project

2 June 2018

US drone strikes



Google will not renew a contract to do artificial intelligence work for the US Pentagon, company sources say.

The decision follows strong opposition to the technology from lawmakers.

Google executive warns of face ID bias

By David Lee
North America technology reporter

27 July 2018



Facial recognition technology does not yet have "the diversity it needs" and has "inherent biases", a top Google executive has warned.

The remarks, from the firm's director of cloud computing, Diane Greene, came after rival Amazon's software **wrongly identified 28 members of Congress**, disproportionately people of colour, as police suspects.

Google, which has not opened its facial recognition technology to public use, was working on gathering vast sums of data to improve reliability, Ms Greene said.

How is AI different from standard IT?



IT

- People design, implement and validate
- People identify bugs and can fix the code



AI

- Learned from data
- No human-readable code that could be fixed
- Re-learning can lead to a completely different system

Why talk about Ethics in AI?

Limited
human agency

Scale

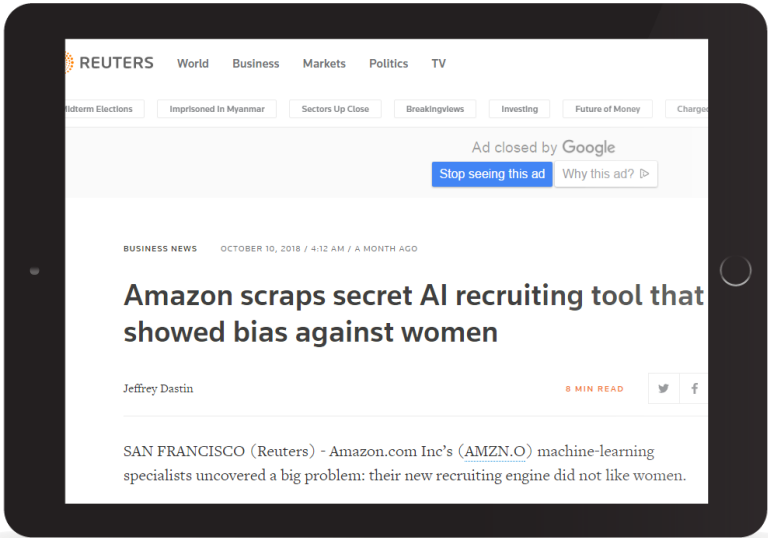
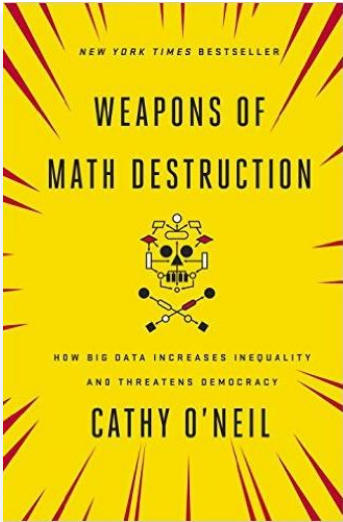
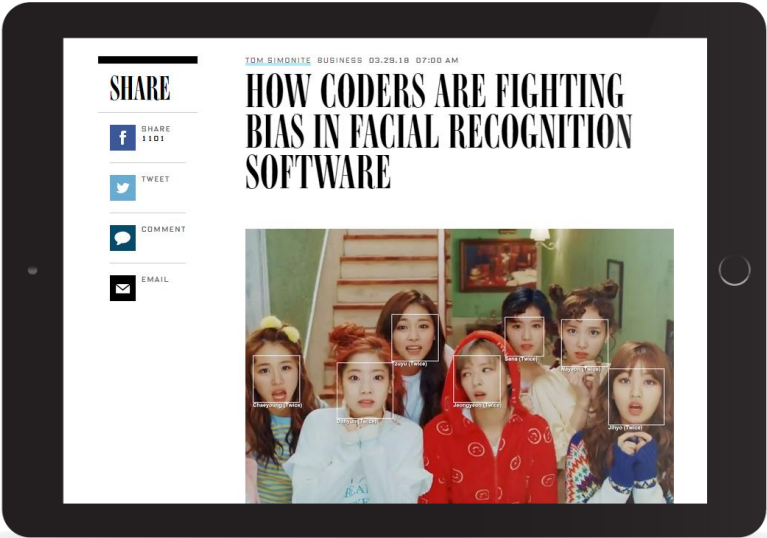
Foreseeability

Risks

Ethical AI = Good AI



Impact on society



Risks

Fairness

Inclusivity

Transparency

Accountability

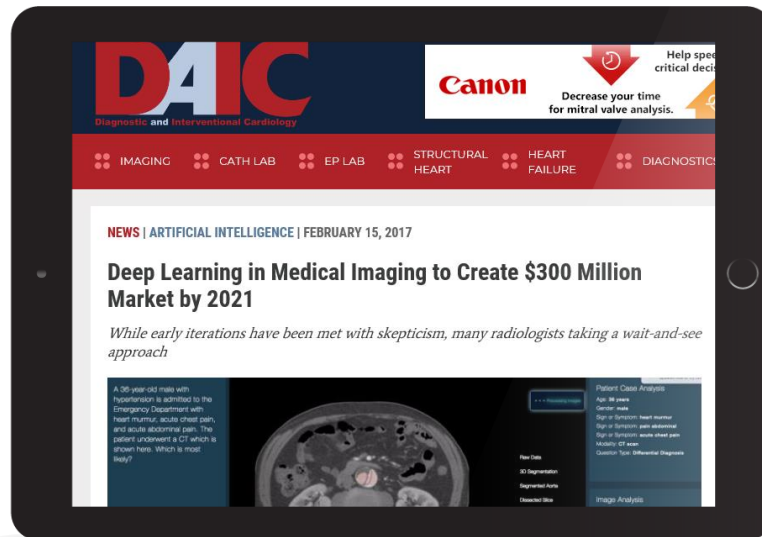
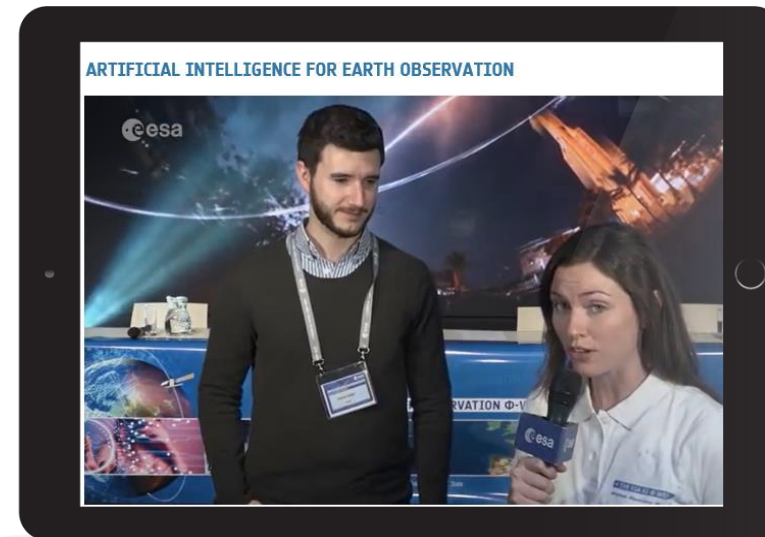
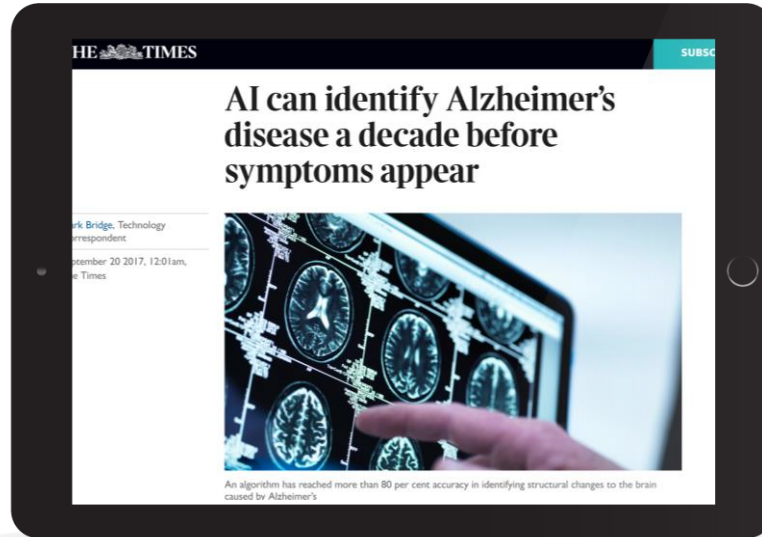
Privacy

Trust



AI for good

Medical imaging is a growing market and promises improved diagnostics when used in combination with human expertise.



Where to start?

Understand use

Scrutinise impact

Check compliance

Monitor regulation



Regulation?

