Algorithmic Fairness

TACKLING DISCRIMINATION CAUSED BY AI

Cross-industry | Financial Services |
Healthcare | Recruitment | Policing

The Alan Turing Institute

accenture

Innovation Symposium
2020

Algorithmic Fairness

TACKLING DISCRIMINATION CAUSED BY AI

The challenge

Everyday, all over the world, businesses use AI to make decisions that affect customers—in positive and negative ways. This brings efficiency and convenience, but it can also cause unintended discrimination against individuals or groups of people. The data used by AI systems sometimes contains hidden imbalances and biases, which can cause this discrimination.

Our research

Following a research hackathon with The Alan Turing Institute, we created a tool that allows data scientists to understand bias and fairness imbalances. This can lead to fairer outcomes, as a part of responsible AI. We piloted the tool with Allied Irish Banks, with the client taking a multi-disciplinary approach to tackling fairness. Learn about this collaboration at the Innovation Symposium.
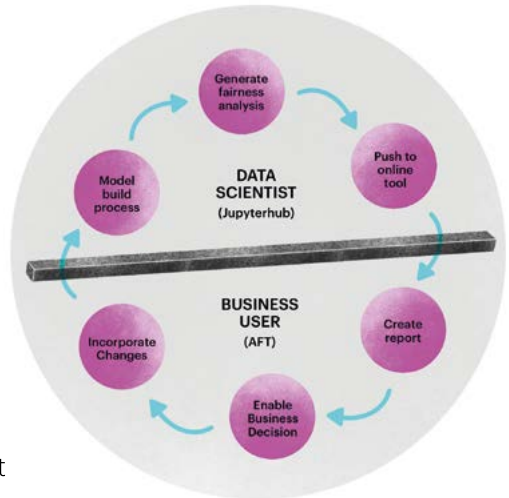
A holistic approach to fairness: The outputs of the tool can be used by different teams in the organisation.
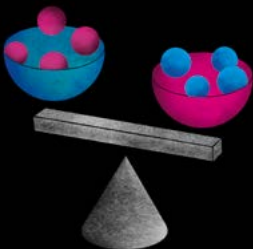
To find out more, contact Laura Alvarez:
laura.alvarez.jubete@accenture.com

Project team:
Laura Alvarez Juebete, Andreea-Roxana Miu, Billy Delaney, Medb Corcorcan, Accenture.
Ciarán O'Grady, Martin McMahon, Allied Irish Banks.