UNDERSTANDING AUTOMATED DECISIONS

AUTOMATED DECISIONS ARE SHAPING THE WAY WE LIVE

Automated decisions are part of many services we use everyday, but how they work is rarely explained or understood.

This matters because automated decisions have an impact at scale. For example, automated decisions within social media may only show people news from one side of a political argument. An automated system calculating insurance premiums could determine a less affluent area is high risk, increasing costs for people in that area.

Decisions made by automated systems should be transparent, explainable and accountable. Individuals and society need to be able to understand and challenge automated decisions.

SEE THE WORK ONLINE

automated-decisions.projectsbyif.com

A COLLABORATIVE PROJECT

This work was a collective effort by researchers from the London School of Economics Data and Society programme in the Department of Media and Communication, and technology studio IF.

The team combined academic and design research. Through an industry case study, we explored how to make automated decisions understandable, and identified the challenges of doing this. The result is a series of prototypes that demonstrate how to apply academic research to the way services are designed.

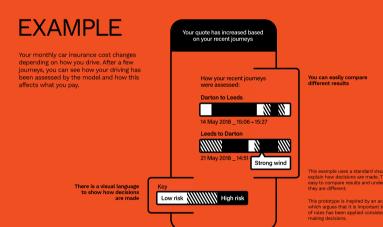
We are showing this work to demonstrate to industry and the public why automated decisions must be explained.

HOW SHOULD ORGANISATIONS EXPLAIN THEIR AUTOMATED DECISIONS?

EXAMPLE



HOW CAN ORGANISATIONS SHOW THAT **AUTOMATED DECISIONS ARE FAIR?**



HOW CAN ORGANISATIONS INVESTIGATE IF SOMETHING GOES WRONG?

EXAMPLE

CARINSURANCE CO
Data sets used to train machin CARINSURANCE CO. Number of records 1,694,989

Dates collected 1 Jan 2018 - 31 Dec 2018

Contact

Companies should publish training data to make it easier to investigate how automated systems work

Data origin Vehicle sensors, claims reports

LSE RESEARCH TEAM

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