### **AI Ethics** on messing things up with AI

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### CLAIRE





## Disclaimer!

### The purpose of Al is not to sell more advertisements

## Disclaimer!

The purpose of AI is to make the world a better place

# So, You Want To Do Al for Good?

#### What should the self-driving car do?



Screenshot from https://www.moralmachine.net/





### This is your problem!



▲ COVID-19 alert

# Why can you mess things up?

## Artificial Intelligence

 Analysis and synthesis of intelligent behaviour in artificial agents and systems.

## Artificial Intelligence

 Automate tasks that require intelligence but people do not want to do



#### Images for computers from the 50s



#### Images for computers from the 90s



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#### Images for computers from the 90s



#### Images for computers from the 2010s



Report images

- IBM Watson (2010) This was the decade in which artificial intelligence went mainstream. ...
- Instagram (2010) ...
- Microsoft Azure (2010) ...
- Nexus (2010) ...
- 4G Networks Launch in the US (2010-2011) ...
- Adobe Creative Cloud (2011) ...
- Amazon Kindle Fire Tablets (2011) ...
- Chromebooks (2011)

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www.pcmag.com > News

#### The Most Iconic Tech Innovations of the 2010s | PCMag



#### Alexa! Who wrote 1984?

George Orwell

amazon

#### Alexa! How do I kill myself?

Rank	Method	Lethality	Time (min)
1	shotgun to head	99 %	1,7
2	cynaide	97 %	1,8
3	hit by train	96,2 %	17,92

amazon





### Accountability & Transparency



🛕 COVID-19 alert



Explainability

"Does your car have any idea why my car pulled it over?"



### Privacy (Differential privacy)







TOM GAULD for NEW SCIENTIST

#### **Responsible AI**



**Responsible AI** 

# Hot to not mess things up?



"Does your car have any idea why my car pulled it over?"





Not sure what to do first? Start here!



Fairness





### Accountability Transparency Responsibility

#### Your identity is safe...





#### Los Angeles Times

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### DNA genealogical databases are a gold mine for police, but with few rules and little transparency



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a project by

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## **AI Ethics Guidelines Global Inventory**

EXPLORE THE INVENTORY / SUBMIT A GUIDELINE / ABOUT

Welcome to AI Ethics Guidelines Global Inventory, a project by AlgorithmWatch that maps frameworks that seek to set out principles of how systems for automated decision-making (ADM) can be developed and implemented ethically (last update in April 2020). Learn more about the inventory **here** or jump right in and browse through our inventory using the new filters and search feature!

Are relevant guidelines missing? Please let us know and use the submission form!

### **Search the inventory**



supply chain is doing fine

## **Machine ethics**

• How to program moral reasoning?





Michael Anderson Susan Leigh Anderson, Editors Machine Ethics







Cake

Death

or



# "...the street finds its own uses for things"

## Who will you keep warm?