

What do we do when AI and Data Science gets up to no good?

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2022-10-11 – AI & Data4Good Workshop



Cambridge
Analytica

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Information Commissioner's Office

Enforcement

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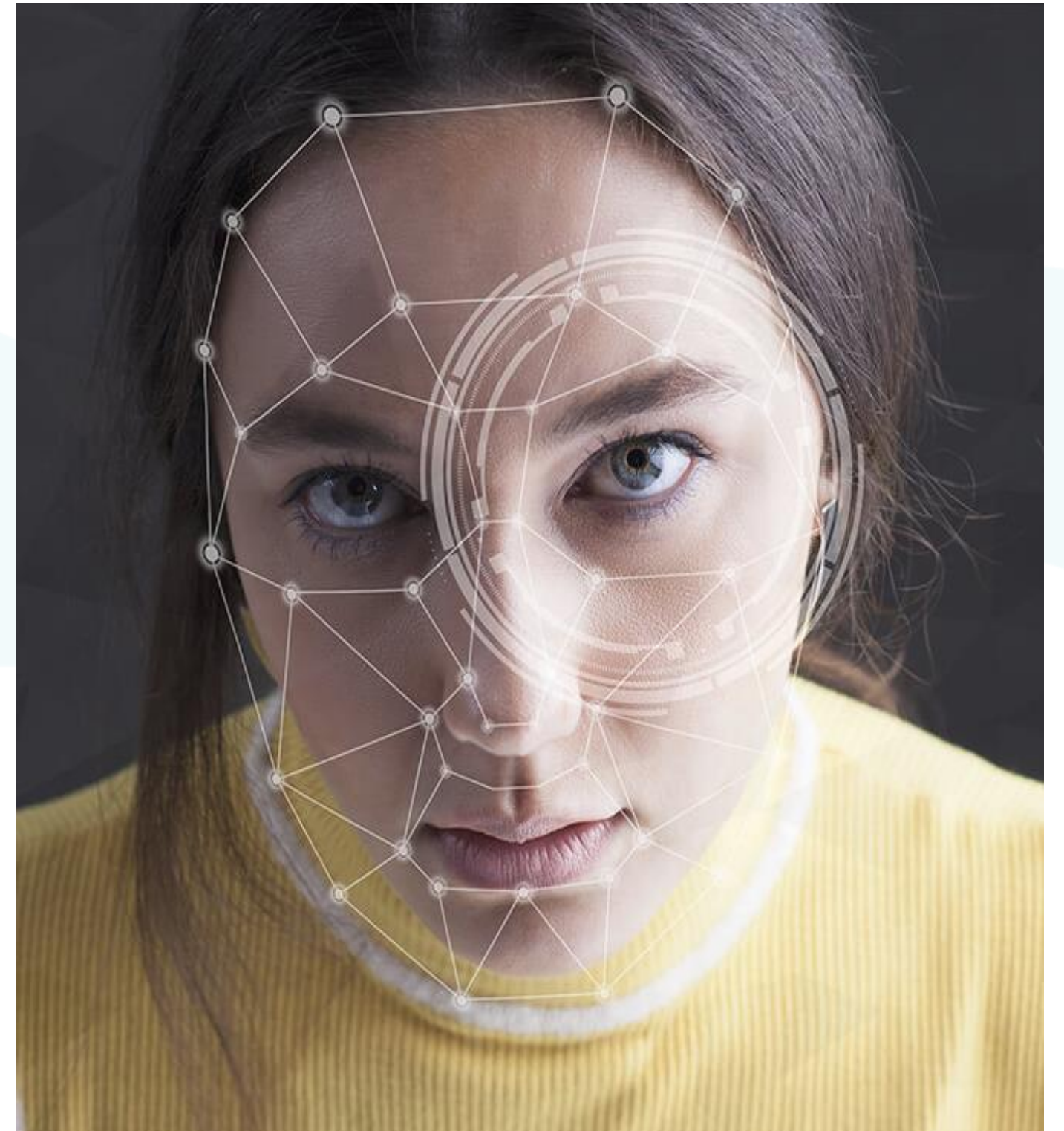
Information Commissioner's Office

Enforcement



Clearview AI

- **Enforcement Notice (Summary)**
 1. Delete any personal data of data subjects resident in the UK that is held in the Clearview Database.
 2. Refrain from any further processing of the personal data of data subjects resident in the UK. (a) Cease obtaining or “scraping” any personal data about UK residents from the public facing internet; (b) Refrain from adding personal data about UK residents to the Clearview Database; and (c) Refrain from processing any Probe Images of UK residents, and in particular refrain from seeking to match such images against the Clearview Database.
 3. Refrain from offering any service provided by way of the Clearview Database to any customer in the UK.
 4. Not do anything in future that would come within paragraphs 1-3 above without first: (a) carrying out a DPIA compliant with Article 35 UK GDPR, and (b) providing a copy of that DPIA to the Commissioner
- **Monetary Penalty Notice**
 - £7,552,800 (equivalent to €9 million)
 - The Commissioner’s Regulatory Action Policy (RAP) states that novel or invasive technology causing a high degree of intrusion into the privacy of individuals can expect regulatory action at the “upper end of the scale”.



ICO Notices (Enforcement, Penalty, Decision)

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Information Commissioner's Office

The UK's independent authority set up to uphold information rights in the public interest, promoting openness by public bodies and data privacy for individuals.

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Action we've taken / Enforcement

Enforcement action

Filters

102 in total

Type

- All
- Monetary penalties 66
- Enforcement notices 35
- Prosecutions 1

Sector

- All
- Retail and manufacture 24
- Finance insurance and credit 23
- Marketing 23
- General business 5
- Land or property services 5
- Transport and leisure 4
- Charitable and not-for-profit 3

Easylife Limited

06 October 2022, Enforcement notices, Retail and manufacture
Between 1 August 2019 and 19 August 2020, Easylife L

Easylife Limited

05 October 2022, Monetary penalties, Retail and manufacture
Easylife Limited has contravened Article 5(1)(a) of the

Green Logic UK Ltd

03 October 2022, Monetary penalties, Retail and manufacture
Between 1 January 2020 and 31 December 2020, Gree

Eco Spray Insulations Limited

03 October 2022, Monetary penalties, Retail and manufacture
Between 2 January 2020 and 30 September 2020, Eco

Euroseal Windows Limited

03 October 2022, Enforcement notices, Retail and manufacture
Between 1 January 2020 and 2 December 2020, Eurose

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Showing 1 to 25 of 17,334

Sort by New

By case reference or keyword

By ICO decision

- Complaint not upheld 10,800
- Complaint upheld 8,628
- Complaint partly upheld 966

By date

- Past month 81
- Past year 1,568
- From

dd/mm/yyyy

To

dd/mm/yyyy

Office for Standards in Education, Children's Services and Skills

28 Sep 2022, Other

The complainant requested a copy of comments made on Parentview month period in relation to an Ofsted inspection at a named school. section 40(2) of FOIA (third party personal data) to withhold the information. The Commissioner's decision is that Ofsted is only entitled to rely on section 40(2) to withhold some of the information falling within the scope of the request. Furthermore, that the information relating directly to the requester is not exempt from disclosure under section 40(1) of FOIA. The Commissioner requires the following steps: Disclose to the complainant the information in blue Annex.

FOI 40(1): Complaint not upheld FOI 40(2): Complaint partly upheld

[Decision notice IC-164729-R4L3](#)
PDF (1k)

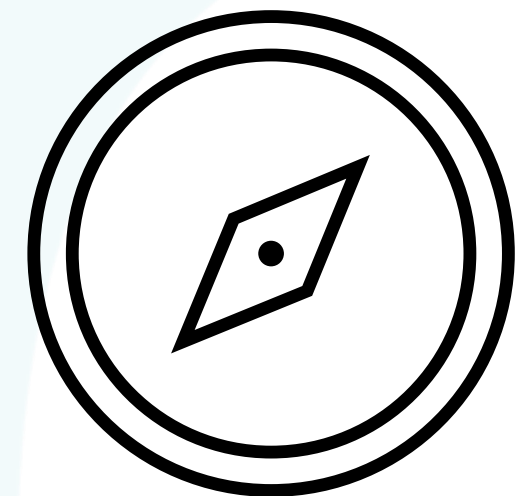
Clavering Parish Council

28 Sep 2022, Local government

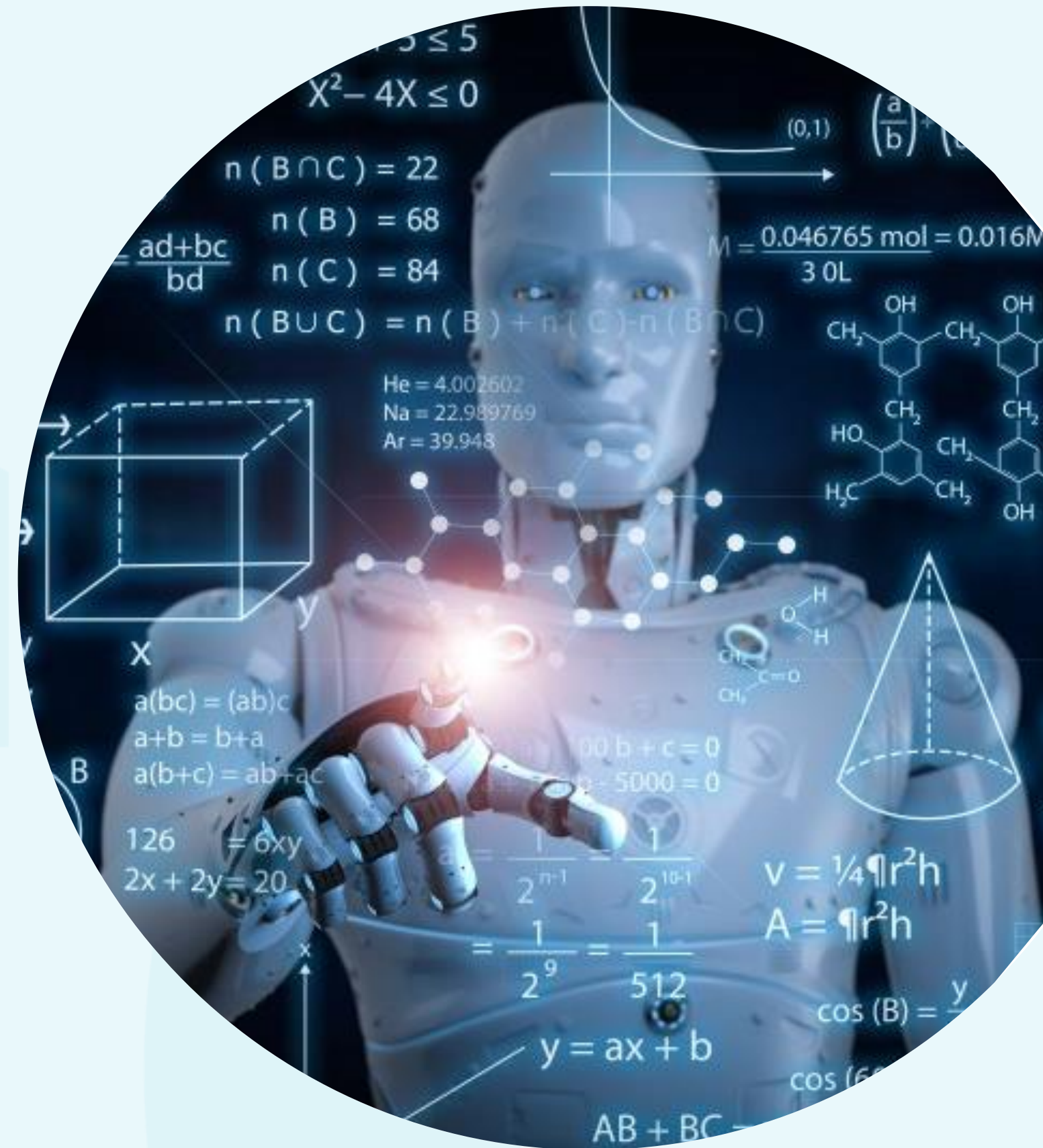
The complainant requested information from Clavering Parish Council relating to legal advice sought by the Council and provided by a Barrister.

Routes and practicalities of investigations

- Statutory
 - Individuals
 - Data Breaches
 - Groups
- Discretionary
 - Various routes
 - Development and Coordination Unit
 - Risk Assessment
 - PACE (Priority, Act Collaborate and Engage)

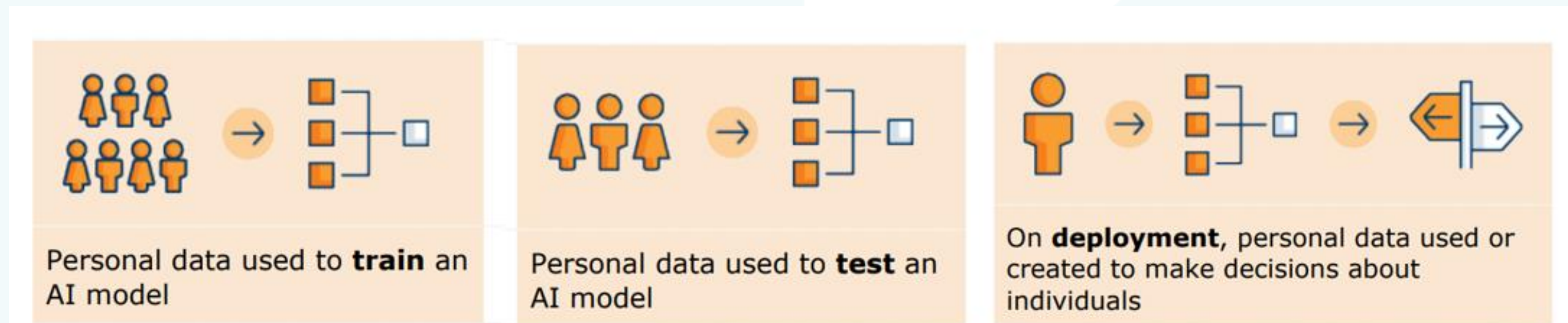


What does DP Law have to do with AI & Data Science?



What does DP Law have to do with AI and Data Science?

- UK GDPR and Data Protection Act 2018 regulate *processing of personal data*
- Personal data is widely defined
- Where AI doesn't involve use of personal data, falls outside scope of data protection regime
- When is personal data being used?

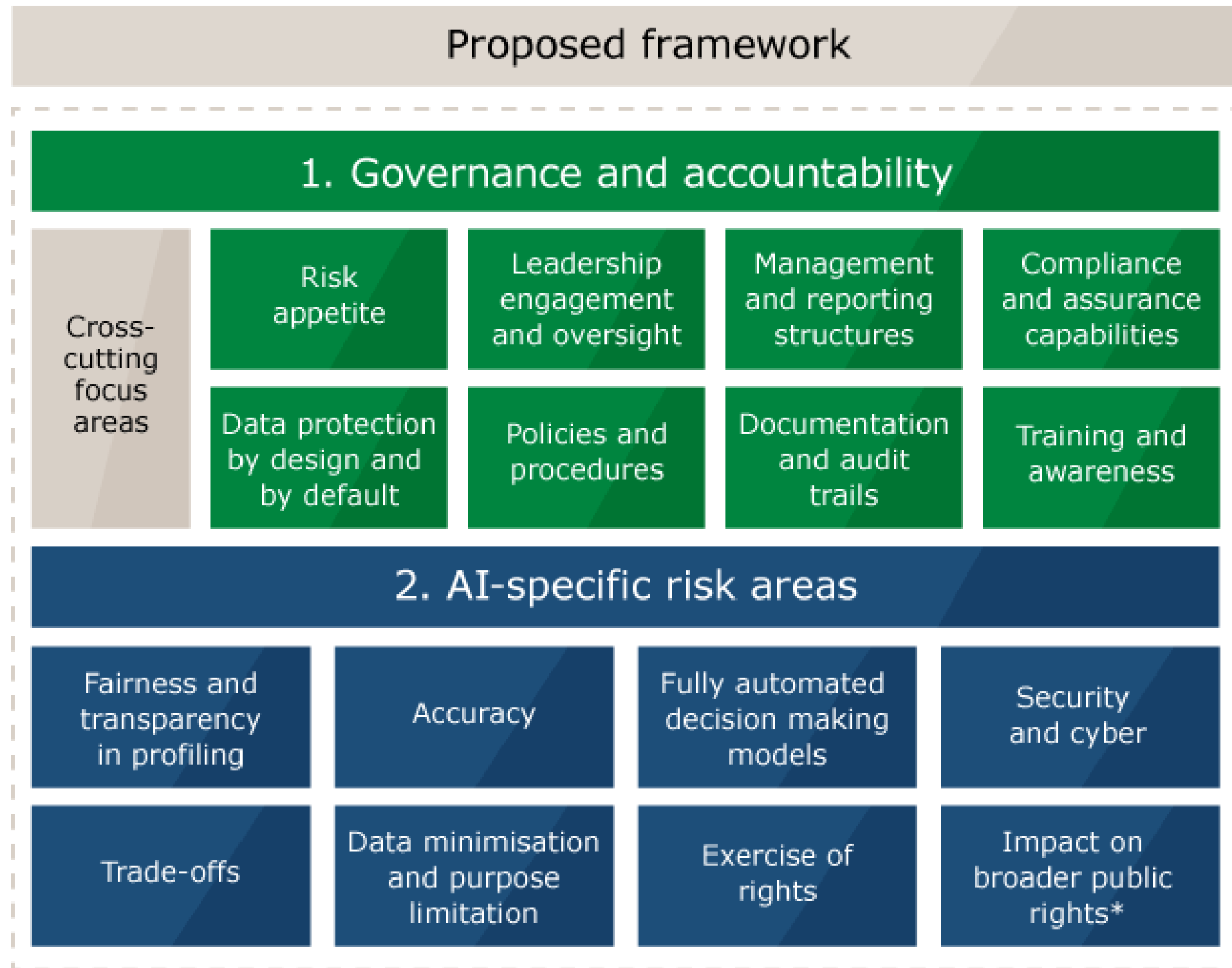


- Key Questions:
 0. Have you done a DPIA? 😊
 1. Is personal data being used fairly, lawfully and transparently?
 2. Do people understand how their data is being used?
 3. How is data being kept secure?

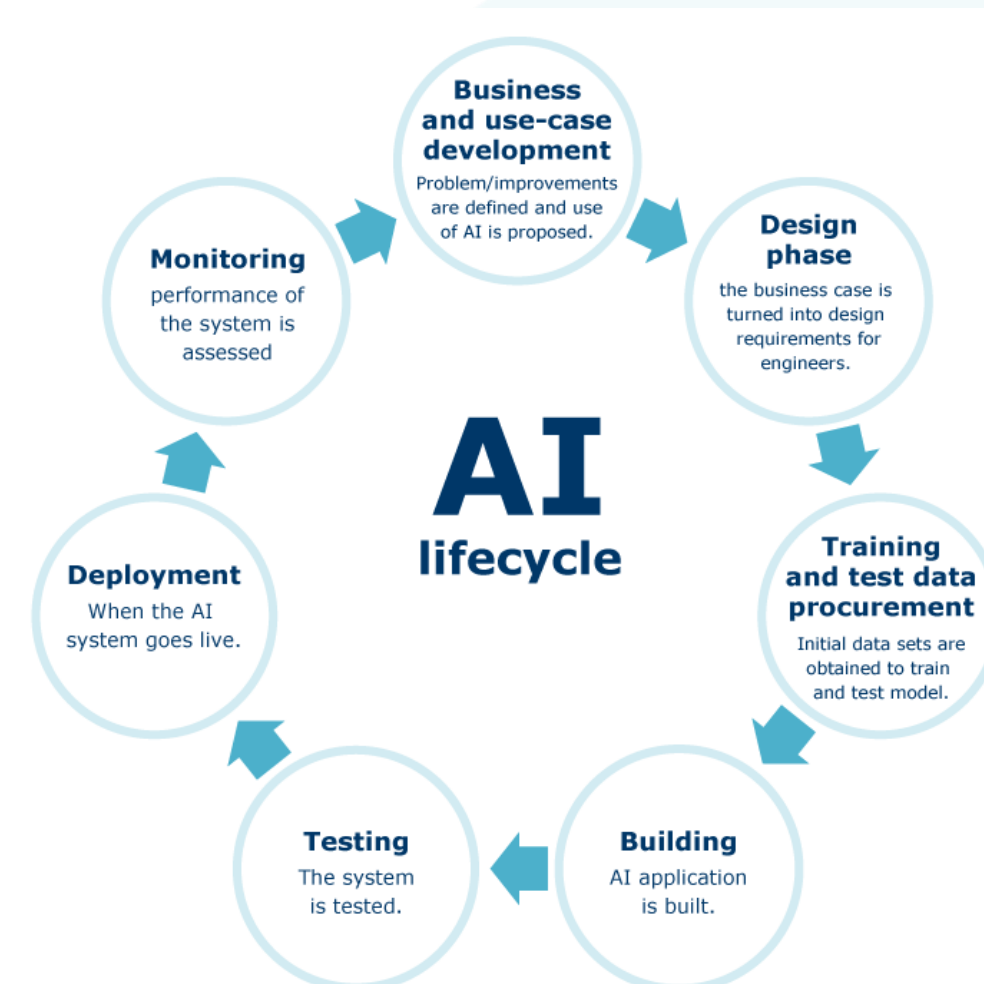
AI and Data Protection Guidance & Toolkit



Auditing Framework for AI and its core components



*Includes only considerations within scope of an ICO investigation/audit



Some of our related work



Guidance / Opinions / Reports / Toolkits (1/2)

- [Guidance on AI and data protection \(2020\)](#) – this overarching guidance covers what we think is best practice for data protection-compliant AI, as well as how we interpret data protection law as it applies to AI systems that process personal data.
- [Explaining decisions made with AI \(2020\)](#) – this co-badged guidance by the ICO and The Alan Turing Institute developed as part of [Project ExplAIIn \(2019\)](#) aims to give organisations practical advice to help explain the processes, services and decisions delivered or assisted by AI, to the individuals affected by them.
- [Age Assurance for the Children’s Code \(2021\)](#) - this Opinion is for providers of Information Society Services (ISS) in scope of the code, and providers of age assurance products, services and applications that those ISS may use to conform with the code. Section 4.2 looks at age assurance and AI.



Guidance / Opinions / Reports / Toolkits (2/2)

- [AI and data protection risk toolkit \(2021\)](#) – our AI toolkit is designed to provide further practical support to organisations assessing the risks to individual rights and freedoms caused by their own AI systems.
- [Toolkit for organisations considering using data analytics \(2020\)](#) – this toolkit helps organisations recognise some of the central risks to the rights and freedoms of individuals created by the use of data analytics.
- [Big data, artificial intelligence, machine learning and data protection \(2017\)](#) – this discussion paper looks at the implications of big data, AI and ML for data protection, and explains the ICO's views on these.
- Of course there are many other relevant opinions, consultation responses and governance sandbox reports which are all [publicly available online](#)



Current focus/issues being considered



What are we currently working on? (1/2)

- **Fairness in AI** – This is an update to our AI & Data Protection guidance on how organisations should interpret the fairness principle as it applies to AI, along with good practice in terms of organisational and technical measures
- **AI As A Service (AIaaS)** – This will extend our Cloud Computing Guidance (2021) to provide specific guidance to organisations seeking procure AI-As-A-Service from vendors esp. with regards to assignment of controller and processor roles
- **Algorithmic Content Recommendation Systems** – This is novel research that will seek to clarify how data protection and privacy laws apply to content recommendation systems that may recommend harmful content to children or other vulnerable groups



What are we currently working on? (1/2)

- **Dark Patterns** – This research seeks to clarify the relationship between dark patterns and data protection law relating specifically to AI systems – specifically through the lens of misuse of personal data and its role has within dark patterns
- **Model Inference Attacks** – This is novel deep research into how to provide technical and governance guidance on how to prevent and mitigate against model inference attacks – can a learned AI/ML model be used to re-identify subjects? Can an ML model be described as sensitive data and hence need data protection and privacy laws applied?



ICO Regulatory Sandbox & iAdvice Service (2023)

- Exploring definition of special category biometric data



Questions

Thank you for listening. Happy to answer any questions online and offline – [technology, ai}@ico.org.uk](mailto:{technology, ai}@ico.org.uk)



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