

No Data without Data Ethics

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 **LOTI_LDN**

 **www.lotlondon.org.uk**

#LOTI

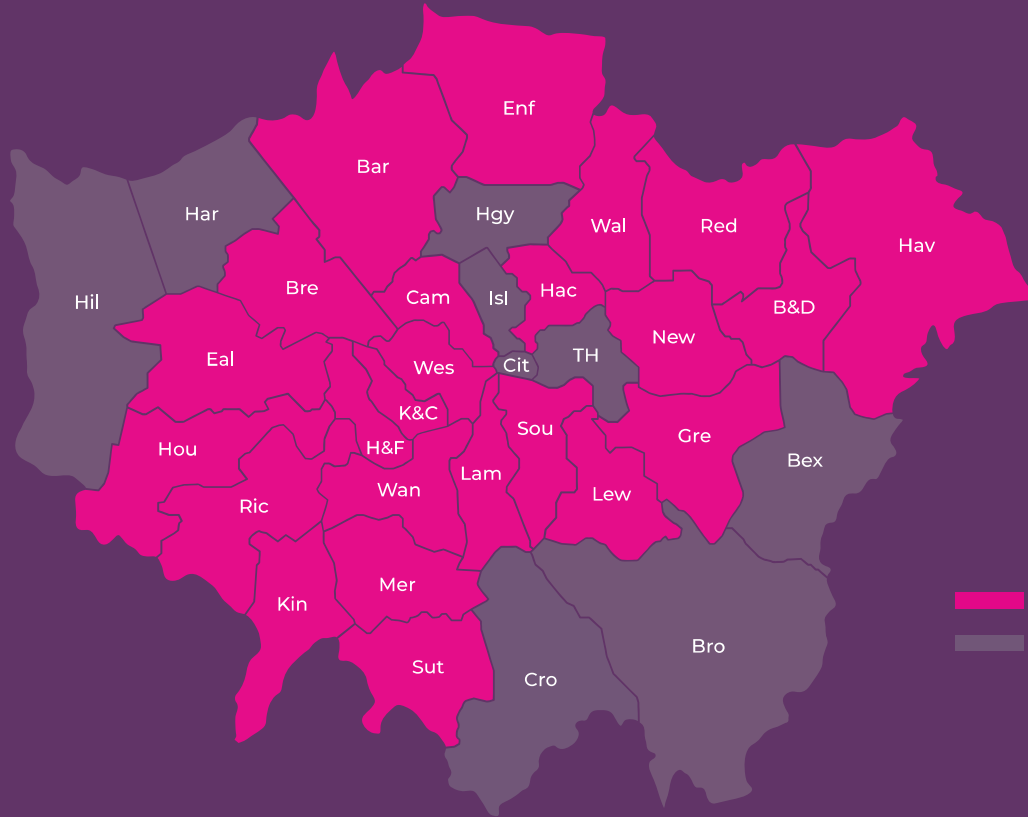
loti

We're LOTI, London local government's digital innovation community.

We help boroughs collaborate to unlock the power of digital and data innovation to improve the way they operate and the services and outcomes they deliver for Londoners.

Membership of LOTI is open to all London boroughs.

Our membership currently includes 24 boroughs, the GLA and London Councils.



Current Members:

- Barking and Dagenham
- Barnet
- Brent
- Camden
- Ealing
- Enfield
- Greenwich
- GLA
- Hackney
- Hammersmith and Fulham
- Havering
- Hounslow
- Kensington and Chelsea
- Kingston
- Lambeth
- Lewisham
- London Councils
- Merton
- Newham
- Redbridge
- Richmond
- Southwark
- Sutton
- Waltham Forest
- Wandsworth
- Westminster

 LOTI Members
 Other London Boroughs

Crown Copyright and Database right (2019).
Ordnance Survey, 100032216 GLA



DATA ETHICS

Ethics in advanced data projects - why is it important?

- Prevent poor outcomes
- Residents have higher expectations of data ethics than law provides for
- Reputation -enabling innovation with a solid ethical foundation
- We have an opportunity to show leadership
- It's the right thing to do

Why Data Ethics Matters

BBC Sign in Home News Sport Weather iPlayer Sounds

NEWS

Home Coronavirus Climate UK World Business Politics Tech Science Health Family & Education

Family & Education Young Reporter Global Education

Why did the A-level algorithm say no?

Sean Coughlan
Education correspondent

© 14 August 2020

Exam results 2020

UPGRADES
EXAM JUSTICE NOW
GCSE -> A LEVEL
3 A*
2 A
1 B
MAKE IT MAKE

“Those who worked on the algorithm subjected it to extensive validation (enough to fill a 319-page document) that, based on internal metrics, seemed to justify its usage.”

- Anthony Piwowarski,
Intergenerational Fairness

It can happen to local government, too!

The screenshot shows the CamdenNewJournal website. The main article is titled "Town Hall demands urgent talks with developer over 'facial recognition' tech use". The sub-headline reads "Any CCTV system should be accountable' says Town Hall". The article is dated Thursday, 15th August 2019 and is by Dan Carrier. The main image is a photograph of a modern, multi-story building with a glass and metal facade. To the right of the article, there are sections for "Categories" (Community, Camden, King's Cross), "Share this story" (with social media icons for Facebook, Twitter, Pinterest, LinkedIn, and Email), and "RELATED ARTICLES" (with a small thumbnail image).

“It is now clear that a national debate is needed about the use of what is still experimental technology”

Clr Beales, Camden Council

TRANSPARENCY
ACCOUNTABILITY
PRIVACY
FAIRNESS
SAFETY

LOTI Recommendations for Local Government Data Ethics Capabilities



| Principles & Values | | |
|---|---|--|
| <ol style="list-style-type: none"> 1. Adopt five universal principles: Transparency; Accountability; Privacy; Fairness; and Safety. 2. Incorporate data ethics into a formal policy or data strategy that informs decisions and holds teams to account. | | |
| Resident Engagement | Governance & Processes | Skills & Culture |
| <ol style="list-style-type: none"> 3. Share details of data use publicly and in appropriate language. 4. Proactively inform residents when they are subject to complex data processes. | <ol style="list-style-type: none"> 7. Create a data ethics process flow for data projects. 8. Test and implement the appropriate tools for doing data ethics. 9. Share ethics assessments and evaluations of data projects to ensure consistent ethical decision making. | <ol style="list-style-type: none"> 13. Invest in data ethics skills training for data professionals, service managers and leaders. 14. Develop an ongoing organisational dialogue and culture around ethics. |
| <ol style="list-style-type: none"> 5. Engage residents around their values and expectations for new, advanced, untested or publicly divisive data uses before establishing guidance and policies. | <ol style="list-style-type: none"> 10. Establish a data ethics board. | <ol style="list-style-type: none"> 15. Include responsibility for data ethics in job descriptions. |
| <ol style="list-style-type: none"> 6. Develop the data (ethics) literacy of residents. | <ol style="list-style-type: none"> 11. Create a simple appeal services for residents to challenge data-related decisions. 12. Ensure suppliers meet data ethics principles and transparency standards. | <ol style="list-style-type: none"> 16. Hire a dedicated data ethicist. |

1. Formalise data ethics principles into a data strategy or policy.

The ethical values that should shape an organisation and its work should be formalised and incorporated into a policy document or strategy within your organisation.

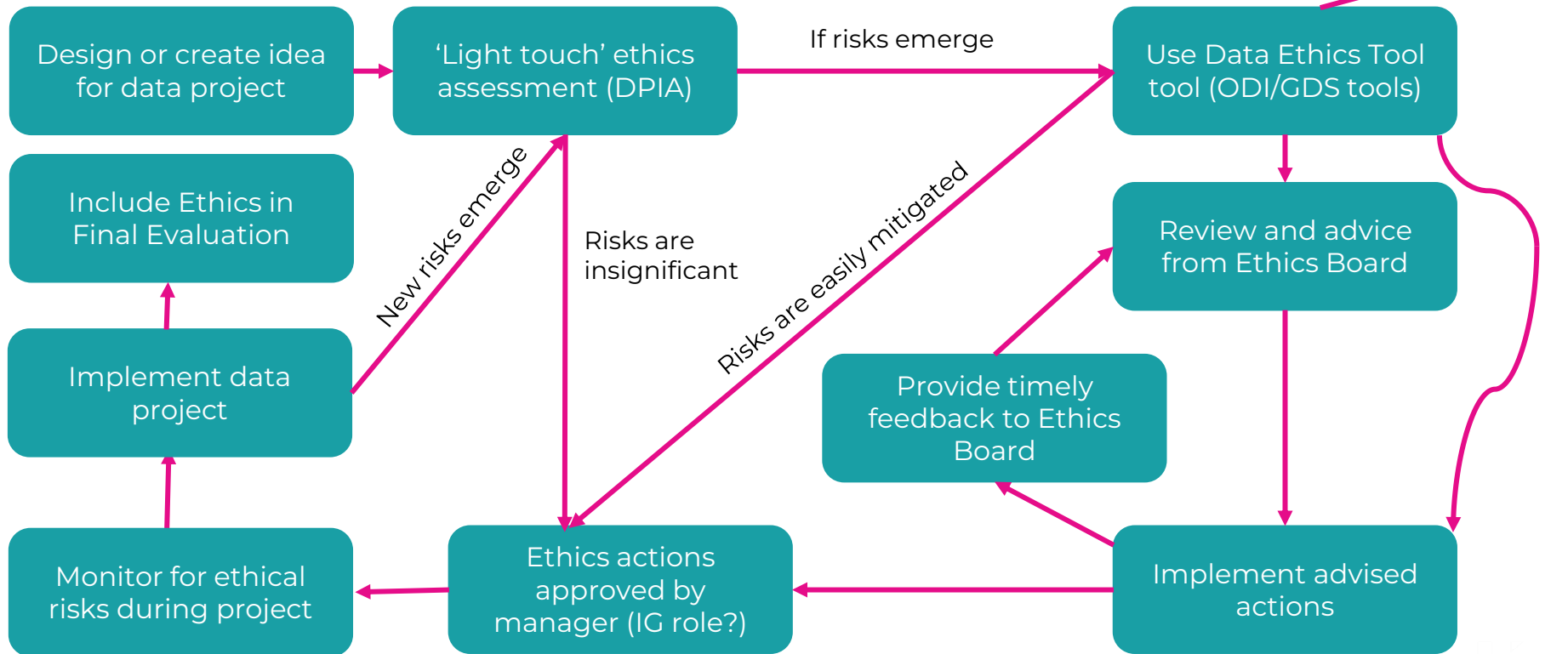
LOTI recommends incorporating ethics into a larger overall data strategy, either new or existing, so that ethical considerations have appropriate weight in the strategy for how organisations use data.

LOTI recommends that the policies be designed to be as practical as possible, for example relating organisational deliverables with principles, to move from principles to action.

Recommendation in Practice:

Camden's Data Charter includes a set of [commitments](#) that the Council promises to deliver with specific time frames, which are informed by the 7 principles of the Data Charter.

7. Create a data ethics process flow for data projects



13. Invest in data ethics skills training for data professionals, leaders, and service managers.

Managing data ethics well requires specific skills, methods and knowledge that should be developed in staff through professional training courses.

There are basic introductory courses, like the Office for National Statistics' [*Awareness in Data Ethics*](#) course, or courses that teach specific methods, like the Open Data Institute's (ODI) [*Introduction to data ethics and the Data Ethics Canvas*](#) course.

Alternatively, organisations can invest in individuals to allow them to lead data ethics work through training courses like the ODI's [*Data Ethics Professional and Data Ethics Facilitator*](#) courses.

Recommendation in Practice:

Two members of the LOTI team are taking part in the Open Data Institute's Data Ethics Professionals and Facilitators course, which can be [found here](#).

Newly launched: LOTI Data Ethics Capabilities Toolkit



Overview



Principles & Values



Resident Engagement



Governance & Processes



Skills & Culture



Introduction

Brief explanation of the recommendations and terminology.

[Read More](#)



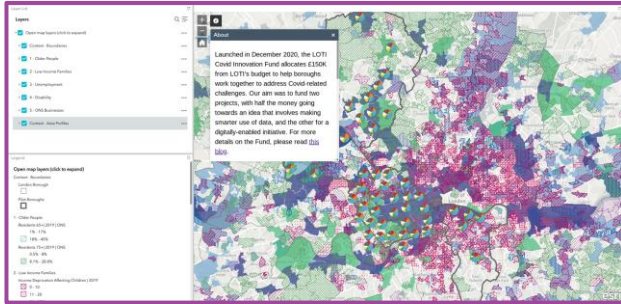
Overview of Recommendations

Summary of LOTI's 16 recommendations.

[Read More](#)

<https://loti.london/toolkit/recommendations-data-ethics-capabilities/>

Pan London: Mapping Digital Exclusion

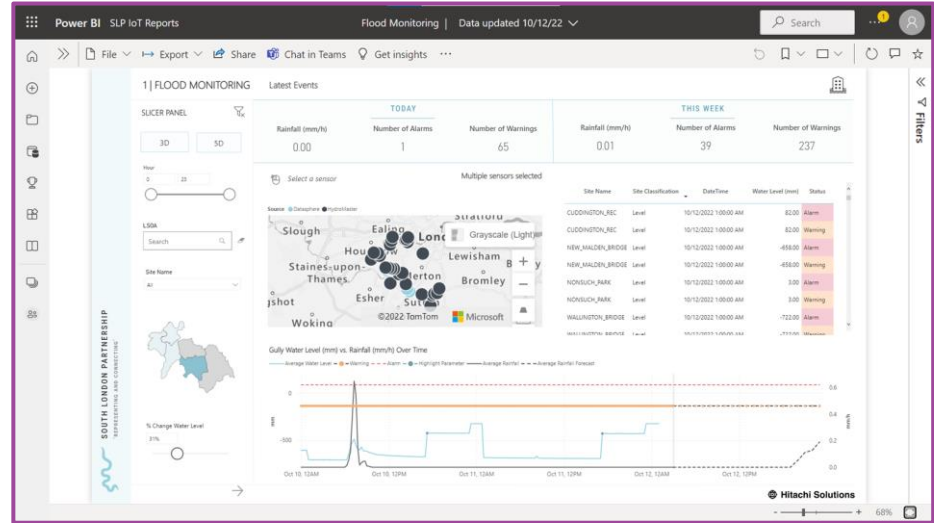


Camden: Understanding Resident need

Using data to understand residents' needs



SLP: Flood Prevention



How LOTI is supporting boroughs to develop their data ethics capability over the next year:

- 1) **Data Ethics Facilitation for LOTI Members of specific data projects**
- 1) **Implementing LOTI Recommendations to improve your organisation's maturity level (through advice, pilots, evaluation etc.)**
- 1) **Providing collaborative policy and thought leadership on data ethics issues (like new technologies or uses of data, or through resident engagement)**

LOTI Data Ethicist



Project Facilitation



Organisational
Development



Pan-London Policy
and Research

Our Resources:

- [LOTI Data Ethics Project Updates](#)
- [LOTI Recommendations for Local Government Data Ethics Capabilities](#)
- [Data Ethics Case Study Library](#)
- [Guide to establishing a Data Ethics Governance Board](#)
- [London Data Ethics Service \(LOTI Members only\)](#)

LOTI Data Ethics Resources



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