



Information Governance Team

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Dear Sir/Madam

Freedom of Information Act 2000 (FOIA)

Request ID: FOI491700469

Thank you for your request for information relating to Data & Storage.

You have requested the following information:

Please see the attached completed document as requested.

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For information, we publish a variety of information such as: [FOI/EIR Disclosure Log](#), [Publication Scheme](#), [Facts about Coventry](#) and [Open Data](#) that you may find of useful if you are looking for information in the future.

If you are unhappy with the handling of your request, you can ask us to review our response. Requests for reviews should be submitted within 40 days of the date of receipt of our response to your original request – email: infogov@coventry.gov.uk

If you are unhappy with the outcome of our review, you can write to the Information Commissioner, who can be contacted at: Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF or email icocasework@ico.org.uk.

Please remember to quote the reference number above in your response.

Yours faithfully

Information Governance

Question	Options	Answers
<p>Instructions: Please add your answers into column C or highlight your answer option in column B.</p>		
<p>SECTION A: Data maturity and whether it is positioned as IT or strategic business imperatives We want to understand how mature public sector thinking is around data and whether it is still seen as an IT imperative or business strategy. Including which areas are being developed / being established.</p>	<p>(select one)</p> <p>a) We have no strategy around data b) Our data strategy is covered by the IT strategy c) Our data strategy is an essential part of our IT strategy and clearly supporting our organization's goals d) Our data strategy encompasses all of our departments and is aligned to our organization's goals e) The data strategy is a key part of business model & company strategy f) Our data policy is covered by the trust or wider departmental organisation we belong to</p>	<p>A (one is currently in development)</p>
<p>2. (If yes) What considerations are included in your data policy/strategy?</p>	<p>(scaled based on maturity - from Well established, Working on, No intent to include)</p> <p>Data sovereignty Data interoperability Data security Data skills Data availability Data ethics and responsibility Inter-departmental/agency collaboration Citizen outcomes / Tax payer value Data retention</p>	<p>N/A</p>
<p>3. Do you have a dedicated resource aligned to your data initiatives (excluding data protection)?</p>	<p>(select one)</p> <p>a) There is no specific budget for data initiatives available b) Some data initiatives are covered by IT budgets c) Budgets for specific data initiatives are managed in the IT department with contributions from other departments d) There is a cross-departmental budget for our data strategy which is provided centrally e) The executive office decides on the data strategy for our whole organization, including strategic budget allocation</p> <p>(options - Yes, No, Partially, Plan to hire)</p>	<p>C</p>
<p>4. Do you have these roles within your organisation?</p>	<p>a) Data analyst b) Data scientist c) Data engineer d) Machine Learning engineer</p>	<p>a = yes b = No c = Partially d = Partially</p>

(options - Yes, No, Partially, Plan to outsource)

5. Do you outsource these roles?
a) Data analyst
b) Data scientist
c) Data engineer
d) Machine Learning engineer

No all

(select one)

6. Who is responsible for setting your data strategy? (Understanding how senior the ownership is within the organisation)

a) Level 1: CEO
b) Level 2: CDIO, CIO, CTO, CxO
c) Level 3: Senior Manager (Director/VP)
d) Level 4: Delegated to departmental/line managers without organization-wide responsibility
e) Level 5: Implicit throughout the organization

B

SECTION B: Understanding of location of data
Understanding the maturity of data storage – level of hybrid consideration. Also what considerations are made from where and why data should be stored

(scaling percentage 0%, 0-10%, 10-25%, 25-50%, 50-75%, 75-100%, NA)

7. What percentage of your data is stored:

a) On-premise
b) Private Cloud
c) Public Cloud

a) 50-75%
b) 0-10%
c) 10-25%

(scaling percentage 0%, 0-10%, 10-25%, 25-50%, 50-75%, 75-100%, NA)

8. What percentage of your data is stored:

a) With UK providers
b) With USA providers
c) With European providers
d) Other

(select one)

9. Post brexit will your organisation store more data in the UK or less data in the UK?

a) More
b) No change
c) Less

B

(Scale on importance)

10. When developing your data storage strategies what are your main considerations?

a) Data sovereignty
b) Data gravity
c) Data security
d) Storage latency

C, A, D

11. What is the maximum period you would hold data for? (If there are varying period for different types of data, please provide more information)

(free text)

Refer to retention and disposal schedule - https://www.coventry.gov.uk/downloads/download/4860/retention_and_disposal_schedule

12. What is the process for identifying obsolete data in your organisation?

(free text)

Individual service area's are accountable and responsible for managing information assets inline with retention and disposal schedules.

SECTION C: Using data
How embedded data is into decision making, level of maturity. Is data still seen as IT or wider business strategy? How much value is currently being derived from data?

(select one)

13. How mature is your architecture in managing your data end-to-end, from ingestion / generation to final consumption? (**Need a descriptor to define mature)
- a) Our data is only available in the respective application
 - b) We capture and share data from multiple applications through data warehouses
 - c) A central data lake holds all of our data at rest
 - d) A central data hub connects data producers and consumers for both analytics and operational use cases, and holds both real-time data and data at rest
 - e) We have a central data hub which also includes external data sources
 - f) We put everything into a data lake and then classify into data warehouses
- (select one) b

14. At what level does data add value to your organisation?
- a) Application
 - b) Team
 - c) Departmental
 - d) Organisational
 - e) Cross-organisational
- (select one) e

(two boxed answer – currently use, currently master)

15. What level of analytics methodologies do you master and support?
- a) Spreadsheet-based analytics
 - b) Business intelligence/canned reporting
 - c) Statistical analytics and machine/deep learning on big data at rest
 - d) Statistical analytics and machine/deep learning with real-time data
 - e) Formal methods such as CRISP-DM, KDD or SEMMA
- (select one) b

(select one)

16. How far does your analytics architecture span across your organization?
- a) Our analytics remains local and/or within application boundaries
 - b) Our analytics use cases can include data from multiple applications
 - c) Our analytics use cases can consume data sources from all relevant applications
 - d) In addition to consuming data sources from all relevant applications, our analytics use cases also consume real-time data
 - e) Our analytics use cases consume data from data warehouses/data lakes,
 - f) In addition to consuming real-time data, our analytics use cases also leverage external data
- (select one) e

(select all that apply)

17. What are the biggest obstacles in your organization to creating value from data and implementing a data-centric strategy?
- a) Our top management does not see data value creation as a strategic priority
 - b) There are cultural barriers to adopting a data-centric approach
 - c) We don't have enough budget
 - d) We don't have the required skills
 - e) There is no clear accountability for data strategy, governance and processes
 - f) We don't have access to the required technologies, tools and platforms
 - g) We struggle to access external data in an efficient and trustful way
 - h) Regulatory uncertainties with regards to data ownership and data privacy
 - i) We don't have enough data
 - j) Our data quality is too low
 - k) Our data is buried in silos
 - l) We have no operating model for managing AI solutions in production
- b,c,h,j,k,l

SECTION D: Open Data/Data Transparency

(select one)

18. Do you have a policy for open data or transparency data
- a) Only an open data strategy
 - b) Only a transparency data policy
 - c) Both
 - d) Neither - do not have any
 - e) Under an existing IT or data strategy
 - e) In the implementation process or drawing up a strategy
- e

(select all that apply)

19. Do you outsource your open data service?
- a) We outsource our open data service
 - b) We use data.gov.uk
 - c) We use a local company to host the data
 - d) We use internal software
- b,d

SECTION E: Data Standardisation

(select all that apply)

22. Do you have definitive protocols for managing your data in terms of...
- a) Lineage
 - b) Provenance
 - c) Heritage
 - d) Not sure
- d