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Data capabilities

Andy Youell, Director of Data Policy & Governance

Data Futures Conference, Birmingham, 2017-07-05

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Data capabilities

- Sector
- Organisation
- Individual

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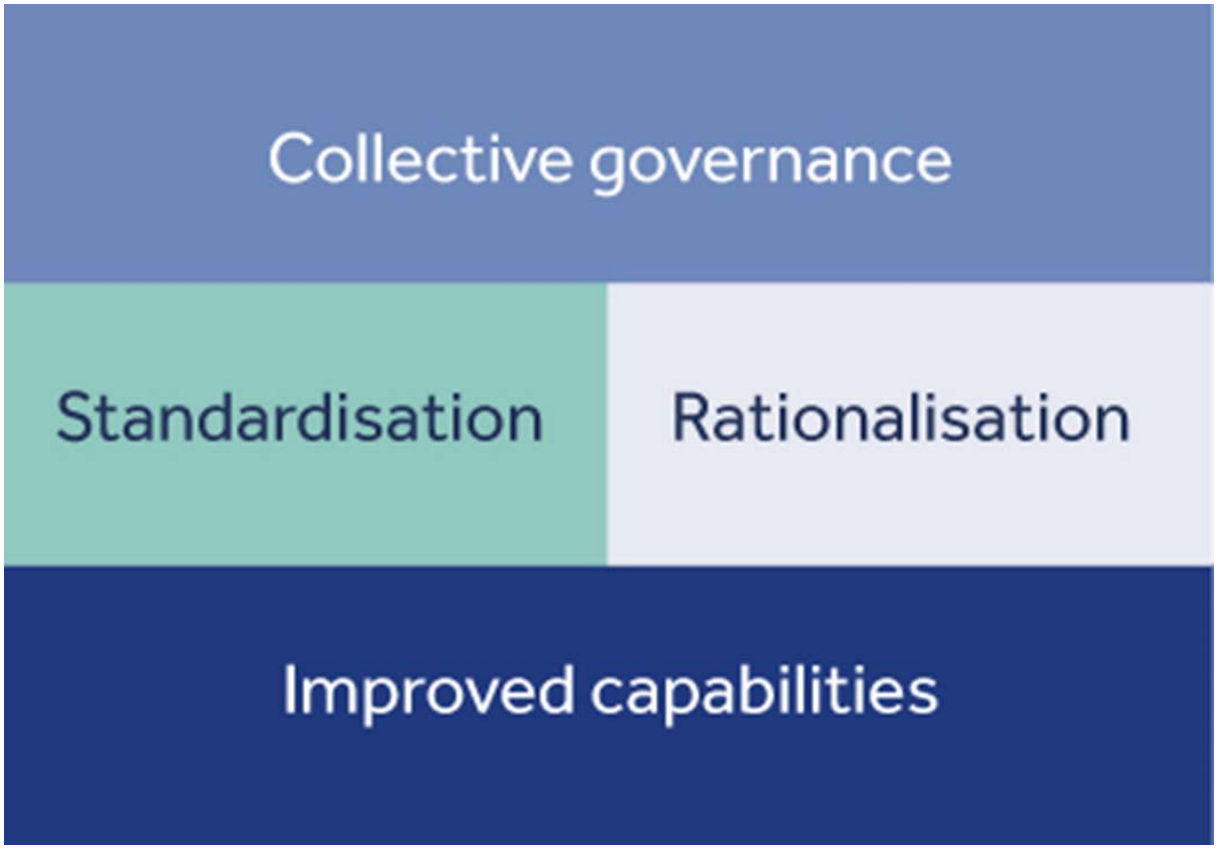
Data Landscape Architecture



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Data Landscape Steering Group

- Oversight and leadership of the data landscape
- Standardisation and rationalisation of data flows
- Common Data Language
- Code of practice for data collectors

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Codes of practice

Goals and principles

Code of practice (data supply)

Code of practice (data demand)

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Data management and governance

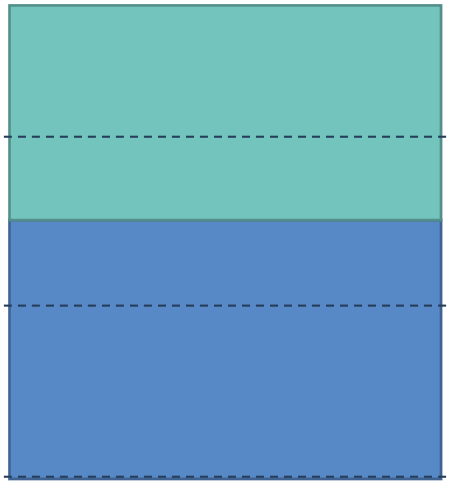
Predictive

Proactive

Stable

Reactive

Chaotic



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Data management and governance

- Lack of enterprise-wide data design and governance
- Data held and managed silos
- Duplication, inefficiency
- Student-facing services suffer
- Internal BI and external reporting is undermined

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Help…

- Data capability toolkit
- Seminars and workshops
- Engagement with sector professional bodies
- Community of practice
- More training planned for 2017

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Individual capabilities

- NESTA study into the demand for data skills

- Combination of four skills:

Business/domain knowledge

Systems/software skills

Data/analysis skills

Communication skills

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Individual capabilities

- No recognised data profession
- No defined skillset, qualifications, professional standards
- No defined career path/CPD
- No professional body/regulator

- Is this a challenge or an opportunity….?

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