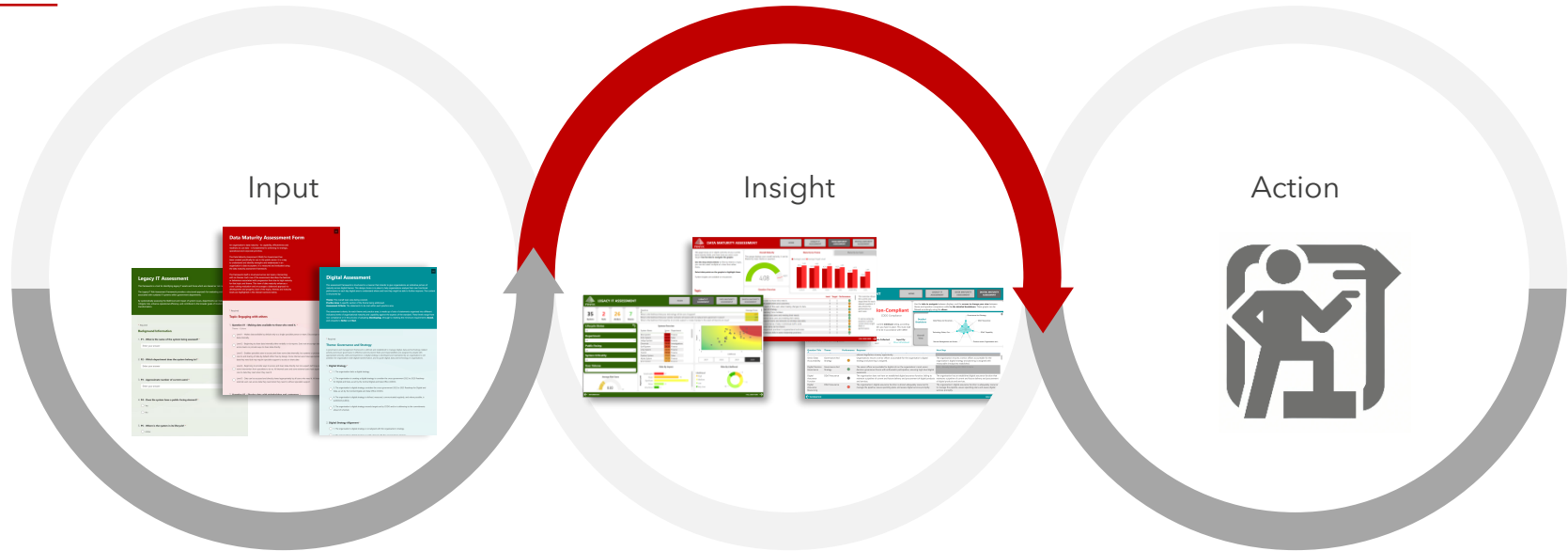




DDaT Health-Check

Purpose



The DDaT health-check is a tool designed to assist organisational decision-makers come to well-informed conclusions regarding digital strategy. It is comprised of three surveys, two are conducted at the organizational level focusing on Digital and Data maturity, while the third, the Legacy IT risk assessment, is carried out on a system-by-system basis.

The DDaT health-check draws from the CDDO Digital Maturity, Data Maturity and Legacy IT Risk framework. This integration ensures the provision of relevant, meaningful, and well-defined data, particularly suited to the needs and contexts of governmental organizations.

Its primary function is to deconstruct the assessments and present a detailed overview of an organization's digital landscape, enabling decision-makers to gain a clearer understanding of their current position and decide the necessary steps forward.

Inputs

Legacy IT Assessment

This framework is a tool for identifying legacy IT assets and those which are classed as 'red-rated' systems.

The Legacy IT Risk Assessment Framework provides a structured approach for evaluating and prioritising the risks associated with outdated IT systems within government departments.

By systematically assessing the likelihood and impact of system issues, departments can make informed decisions to mitigate risks, enhance operational efficiency, and contribute to the broader goals of modernisation and digital transformation.

* Required

Background Information

1. P1 - What is the name of the system being assessed? *

Enter your answer

2. P2 - Which department does the system belong to? *

Enter your answer

3. P3 - Approximate number of current users? *

Enter your answer

LEGACY IT ASSESSMENT	
This survey is a tool for identifying legacy IT assets and those which are classed as 'red-rated' systems.	
The Legacy IT Risk Assessment provides a structured approach for evaluating and prioritising the risks associated with outdated IT systems within government departments.	
By systematically assessing the likelihood and impact of system issues, departments can make informed decisions to mitigate risks, enhance operational efficiency, and contribute to the broader goals of modernisation and digital transformation.	
Question	Answer
P1 - What is the name of the system being assessed?	
P2 - Which department does the system belong to?	
P3 - Approximate number of current users?	
P4 - Does the system have a public facing element?	
P5 - Where is the system in its lifecycle?	
P6 - What is the system's criticality rating?	
L1 - What is the likelihood that your technology will be out of support?	
L2 - What is the likelihood that your vendor contracts will expire with no replacement agreement in place?	
L3 - What is the likelihood that expertise to provide support or make changes to the asset will become an issue?	
L4 - What is the likelihood that the system will be unable to meet its business needs?	
L5 - What is the level of concern regarding the suitability of the hardware or physical environment?	
L6 - What is the likelihood that security vulnerabilities exist?	
L7 - What has been the likelihood of errors in the past?	
L8 - What is the potential national security impact resulting directly or indirectly from a system issue?	
L9 - What is the potential reputational impact on the UK government resulting directly or indirectly from a system issue?	
L10 - What is the potential direct financial impact resulting from a system issue?	
L11 - What is the potential direct external stakeholder impact resulting from a system issue?	
L12 - What is the potential operational impact resulting directly or indirectly from a system issue?	
L13 - What is the potential impact on other systems as a result of being a technical barrier to innovation?	

The Legacy IT Assessment is conducted on a system-by-system basis, and so it is completed multiple times within the organisation by multiple personnel.

The form has an excel spreadsheet version, for efficient mass data capture.

Data Maturity Assessment Form

An organisation's data maturity – its capability, effectiveness and readiness to use data – is fundamental to achieving its strategic, operational and corporate priorities.

The Data Maturity Assessment (DMA) for Government has been created specifically for use in the public sector. It is a way to understand and identify strengths and weaknesses in an organisation's data ecosystem. It is measured and evaluated using the data maturity assessment framework.

The framework itself is structured across ten topics, intersecting with six themes. Each row of the assessment describes the features or behaviours associated with progression from low to high maturity for that topic and theme. This view of data maturity enhances a cross-cutting evaluation and encourages a balanced approach to development and progress. Each of the topics, themes and maturity levels are highlighted in the relevant sections below.

Hi, Oliver. When you submit this form, the owner will see your name and email address.

Topic: Engaging with others

1. Question 01 - Making data available to those who need it. *

Theme - Culture

- ☐ Level 1 - Makes data available by default only to a single specialist person or team. Discourages sharing data internally.
- ☐ Level 2 - Beginning to share data internally either verbally or via reports. Does not encourage data sharing across teams or provide ways to share data directly.
- ☐ Level 3 - Enables specialist users to access and share some data internally, but systems or processes limit access to and sharing of data by default rather than by design. Some internal users have appropriate access to data they need but may require specialist support to access or share data
- ☐ Level 4 - Beginning to provide ways to access and share data directly, but non-expert staff may require some intervention from specialists to do so. All internal users and some external users have appropriate access to data they need when they need it
- ☐ Level 5 - Data can be accessed and directly shared appropriately by all users who need it. All internal and external users can access data they need when they need it, without specialist support.

2. Question 02 - Sharing data with stakeholders and customers. *

Digital Assessment

This assessment framework is structured in a manner that intends to give organisations an indicative picture of maturity across digital themes. This design choice is in place to help organisations analyse their own functional performance in each key digital area to understand where and how they might be able to further improve. The content is structured by:

Theme: The overall topic area being covered.

Practice Area: A specific section of the theme being addressed.

Assessment Criteria: The statements to be met within each practice area.

The assessment criteria, for each theme and practice area, is made up of sets of statements organised into different indicatory levels of organisational maturity and capability against the aspects of the standard. These levels range from non-compliance or in the process of adopting (**Developing**), through to meeting the minimum requirements (**Good**), and onwards to **Better** and **Best**.

Hi, Oliver. When you submit this form, the owner will see your name and email address.

* Required

Theme: Governance and Strategy

A governance and management framework is defined and established to manage digital, data and technology related activity and ensure governance is effective and structured. Roles and responsibilities are assigned to people with appropriate seniority, skills and experience. A digital strategy is developed and maintained by an organisation to set ambition for organisation-wide digital transformation, and to guide digital, data and technology in organisations.

1. Digital Strategy *

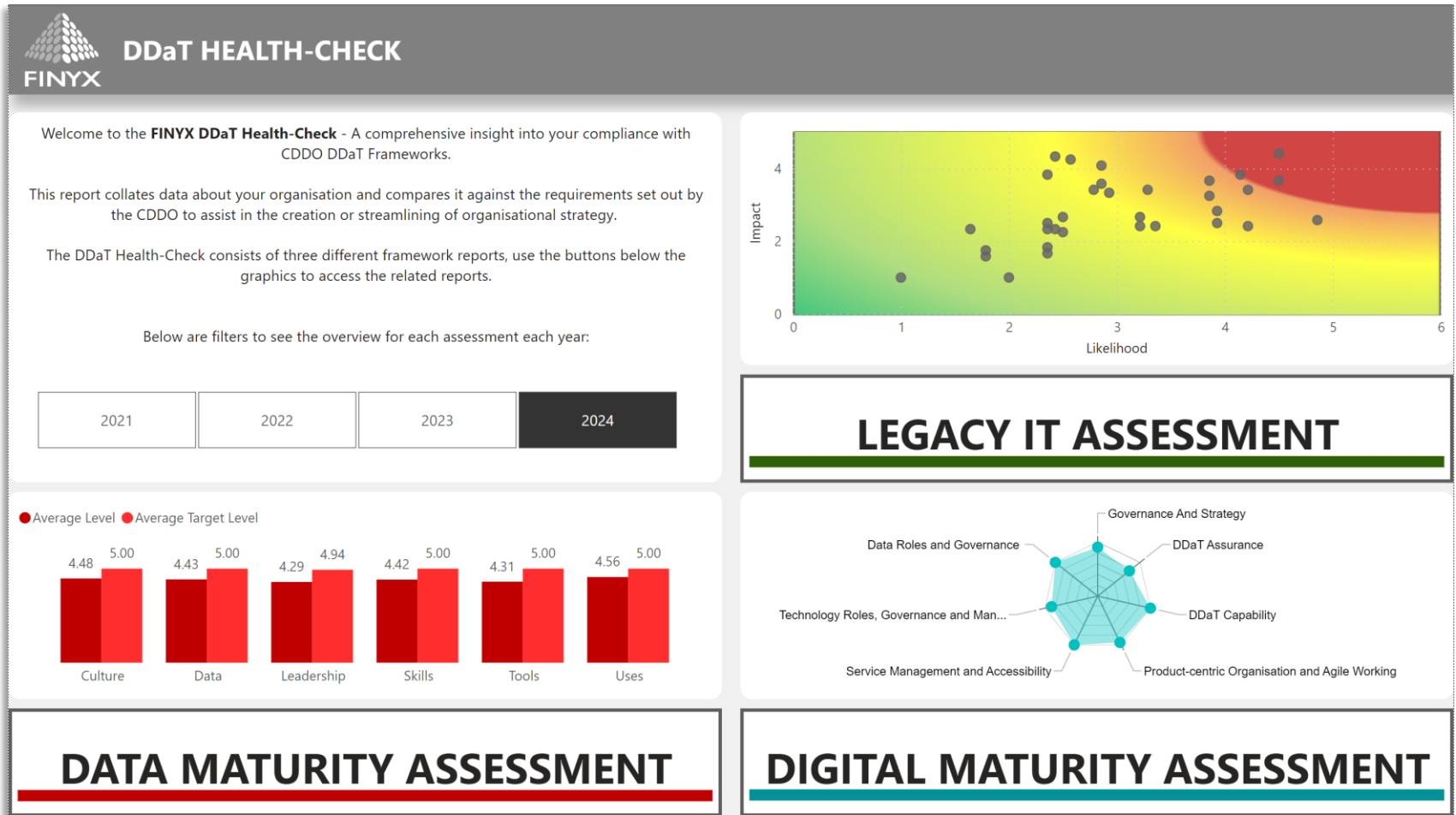
- ☐ 1. The organisation lacks a digital strategy.
- ☐ 2. The organisation is creating a digital strategy to consider the cross-government 2022 to 2025 Roadmap for Digital and Data, as set by the Central Digital and Data Office (CDDO).
- ☐ 3. The organisation's digital strategy considers the cross-government 2022 to 2025 Roadmap for Digital and Data, as set by the Central Digital and Data Office (CDDO).
- ☐ 4. The organisation's digital strategy is defined, measured, communicated regularly, and where possible, is published publicly.
- ☐ 5. The organisation's digital strategy exceeds targets set by CDDO and/or is delivering to the commitments ahead of schedule.

2. Digital Strategy Alignment *

- ☐ 1. The organisation's digital strategy is not aligned with the organisation's strategy.
- ☐ 2. The organisation's digital strategy is partially aligned with the organisation's strategy.

The Digital Maturity Assessment, akin to the Data Maturity Assessment is conducted annually and is designed to make it simpler to assess yourself against the CDDO framework's good-better-best system. It is categorised by 7 topics, each relation to a section from the framework, so insights can be drawn against the good-better-best system

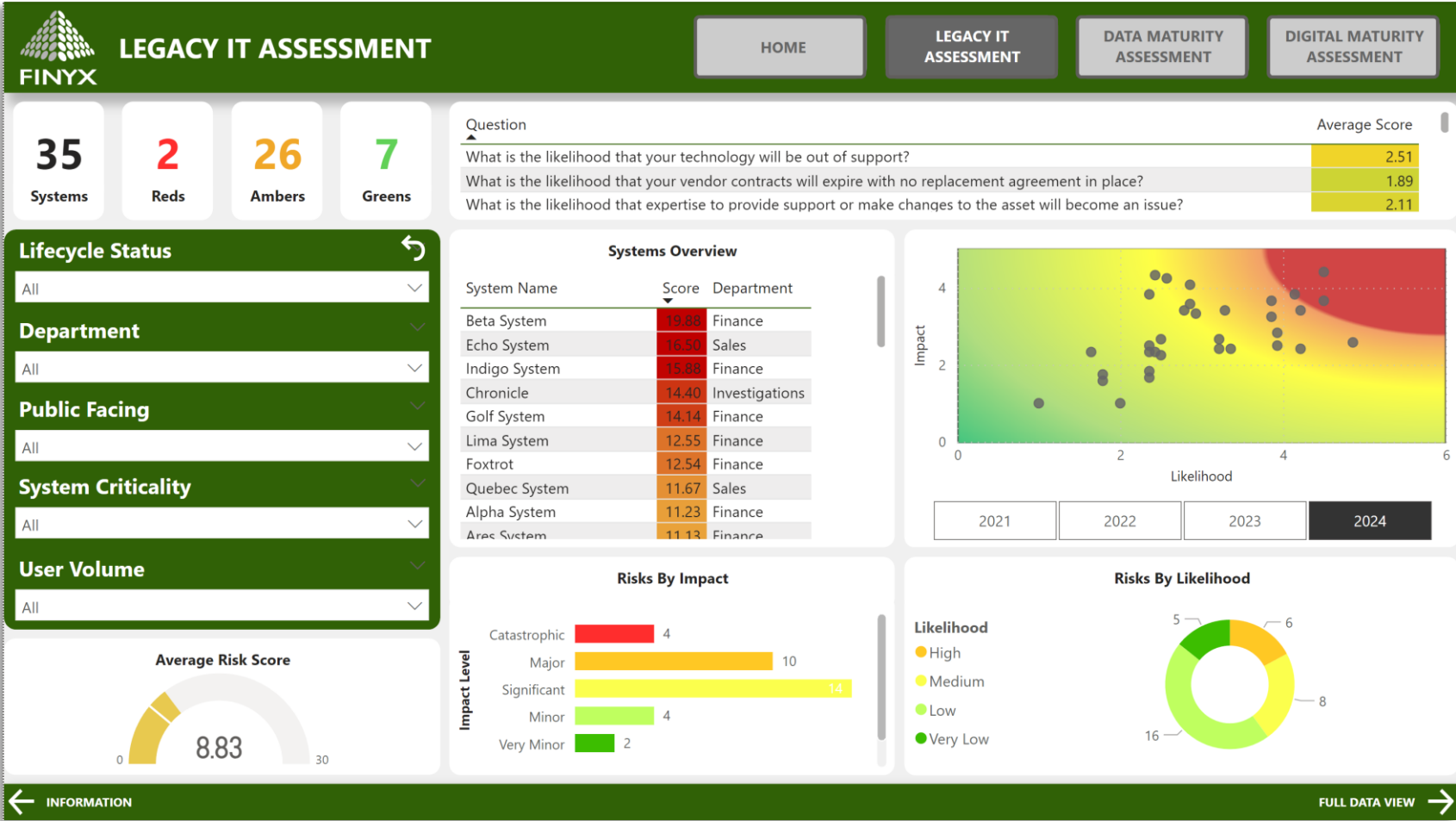
Home Screen



The home screen displays the key performance information of each report at a glance, complete with a date filter to allow for visualisation of the three visuals, to see how the organisation is performing each year.

The homepage allows you to navigate into any of the three reports to see them in depth.

The Legacy IT Assessment

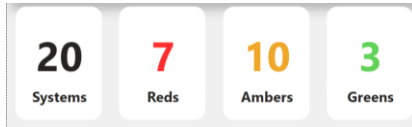


The Legacy IT overview page shows a breakdown of **each system**, highlighting red-rated systems and allowing for slicing of the data in order to focus on problem areas. A target score is generated based on the state of each system, and so displayed here is a target of 6.62, with a current average risk score of 8.83.

The data can be filtered in multiple ways, with tooltips showing the individual system’s details on the heatmap, as well as ways to highlight specific impact levels, likelihoods, different system characteristics etc.

The Legacy IT Assessment

System
Classification



Slicers, allowing
for data filtration

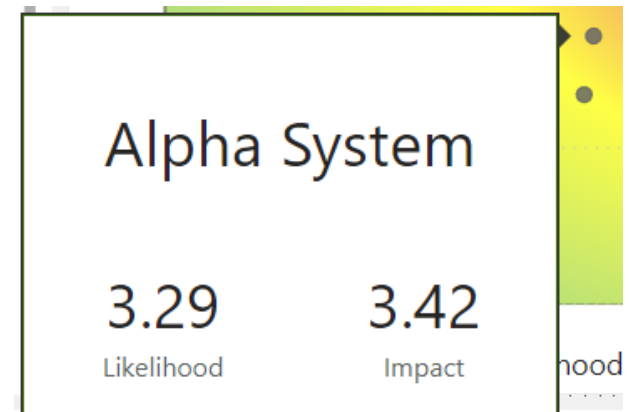
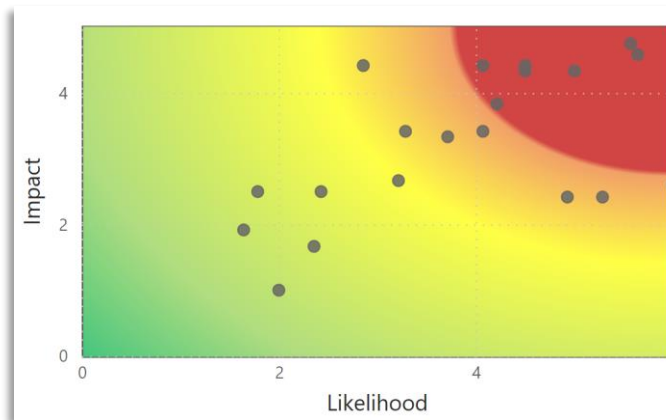
Lifecycle Status All
Department All
Public Facing All
System Criticality All
User Volume All

Each slicer is drop-down menu,
allowing for selection of one or
more filters on the data.

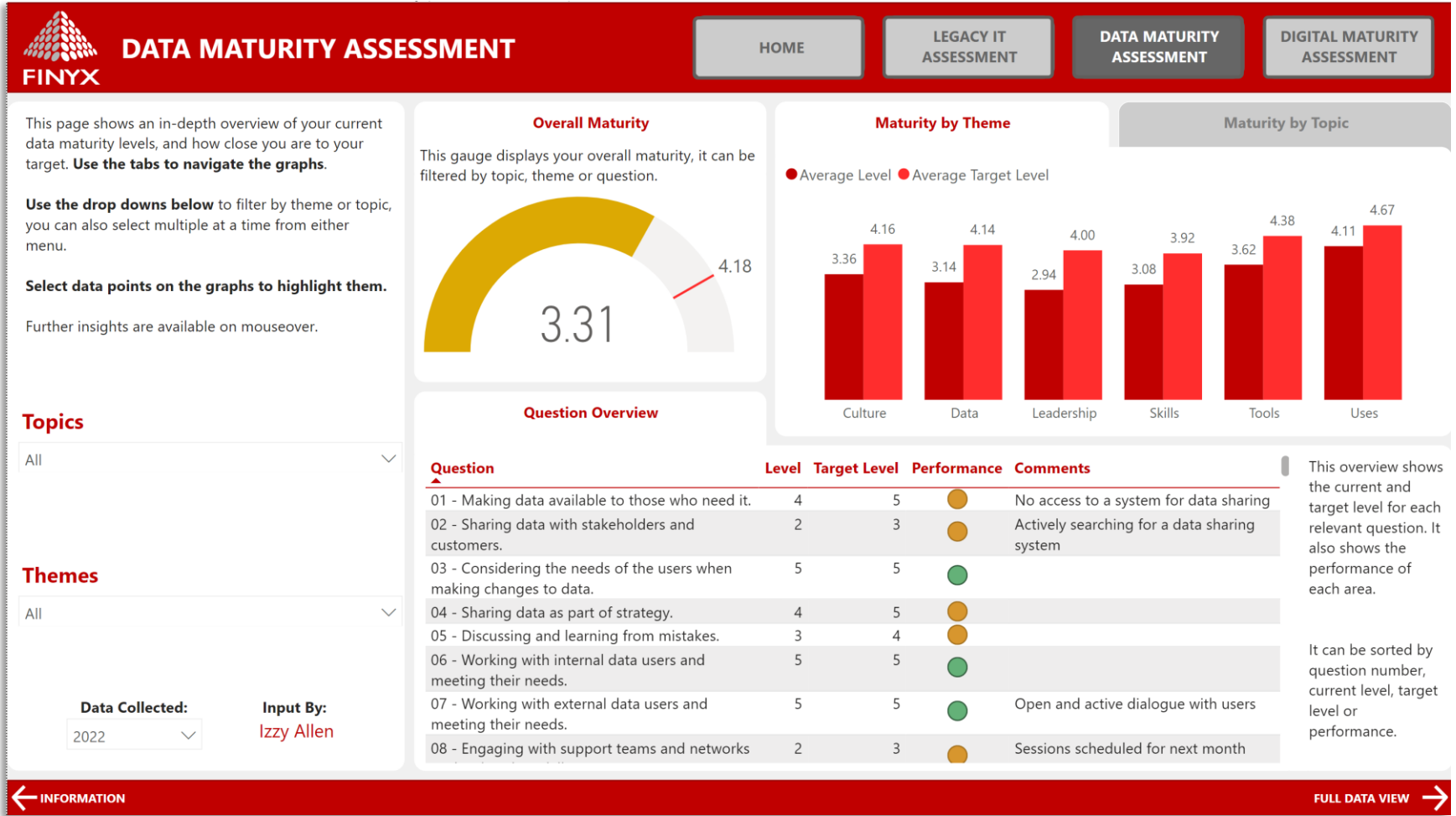
For example, this is the system
criticality slicer, allowing for a
selection of categories assigned to
each system in their
submission form.

☐ Select all
☐ Business Critical
☐ Desirable
☐ Essential
☐ Mission Critical
☐ Necessary
All

This is the legacy IT
heatmap, a depiction of
each system's rating, upon
mouseover a tooltip will
appear with a detailed view
of the system's scoring.



The Data Maturity Assessment



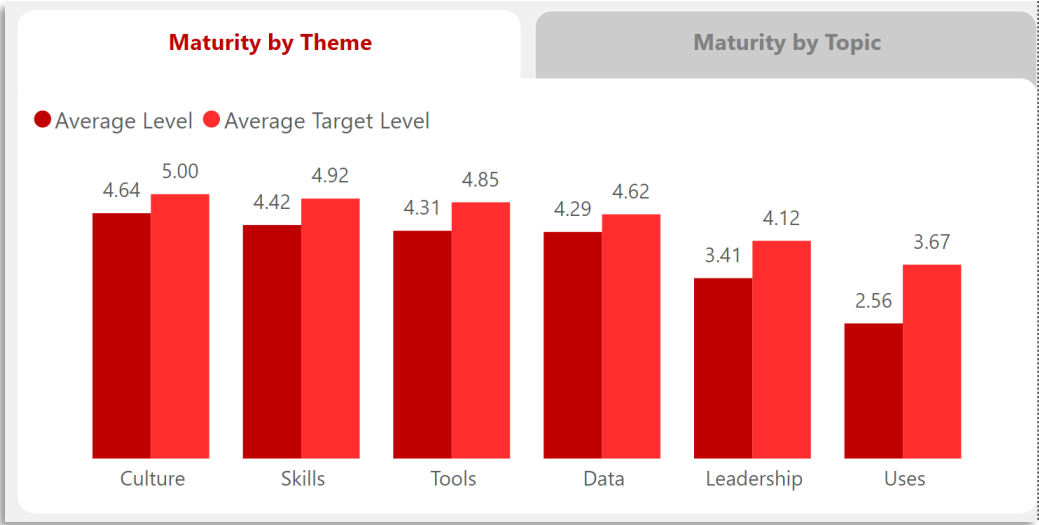
The Data Maturity overview page shows a breakdown of the **organisation**, and allows for slicing of the data by topic or theme in order to focus on problem areas. A target score is generated based on the state of each question and performance is highlighted and sortable to pinpoint problem areas. Scores are compared against target and an overall score is created for the organisation.

The graph in top right supports viewing by topic or by theme, which is navigated using the tabs

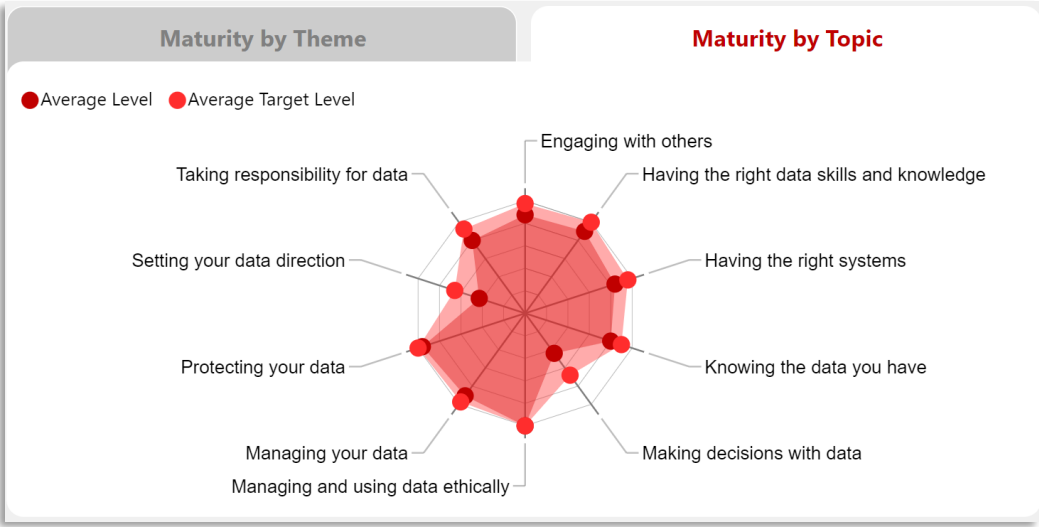
Data Maturity Alternate Graph view



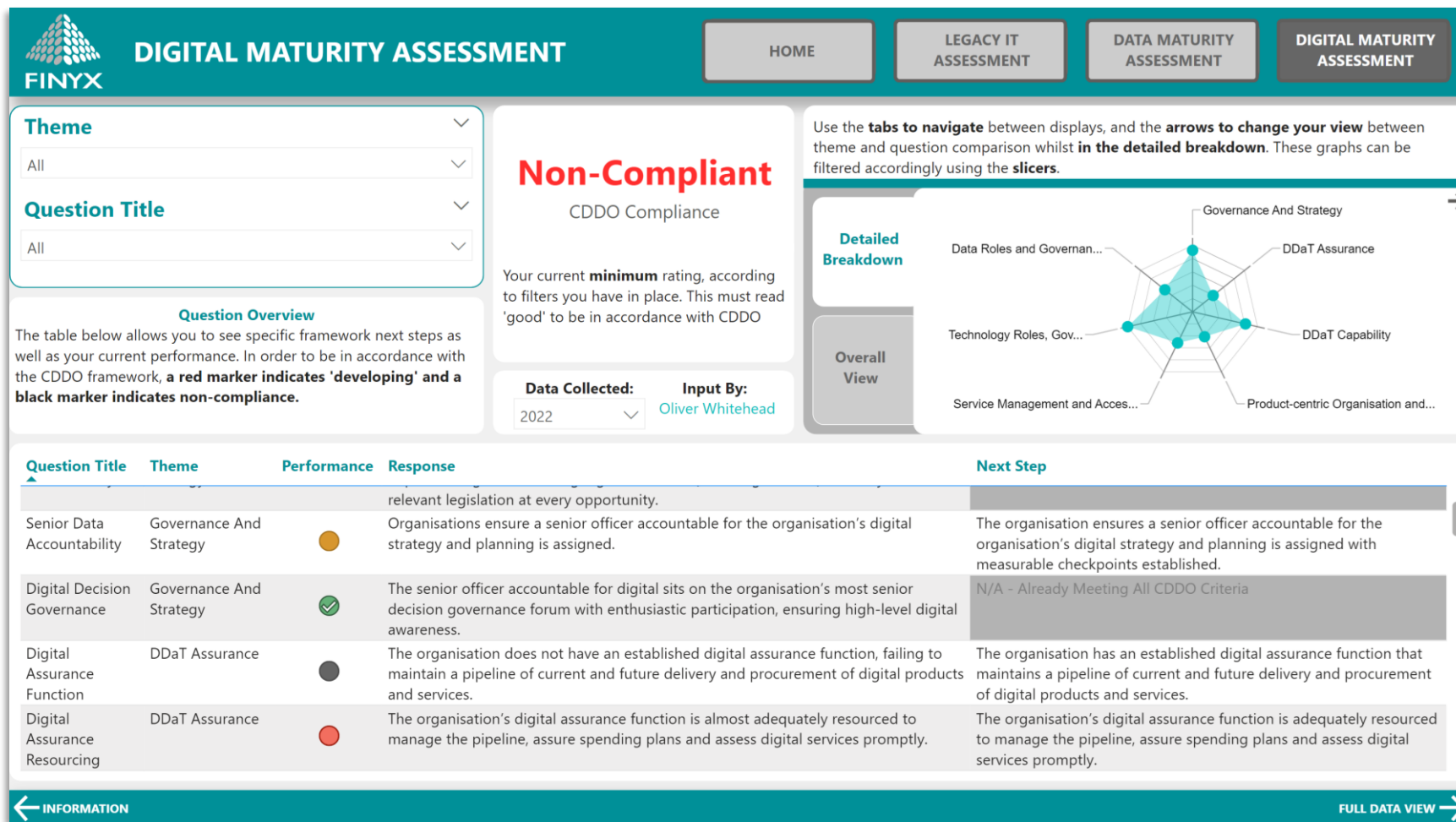
Theme View



Topic View



The Digital Maturity Assessment



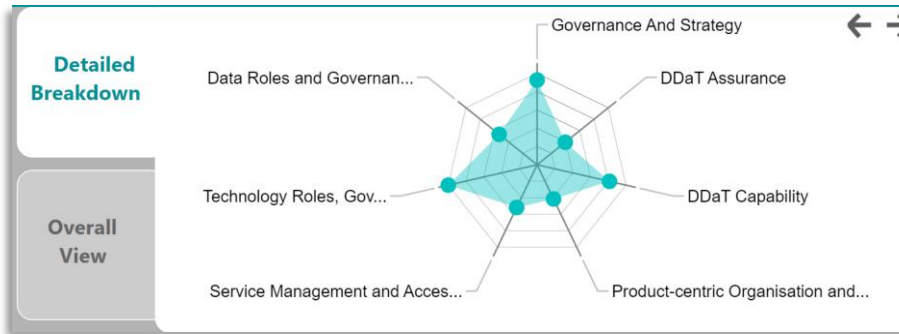
The Digital Maturity overview page shows a breakdown of the **organisation**, and allows for slicing of the data by topic or question in order to focus on problem areas. It shows the current level of compliance, as well as normalised scoring across question areas, for comparison across the themes.

Much like the Data Maturity Assessment, the top right graph supports multiple views, an overall view, showing current scoring across the board, and a detailed breakdown, that can switch between a theme or question comparison.

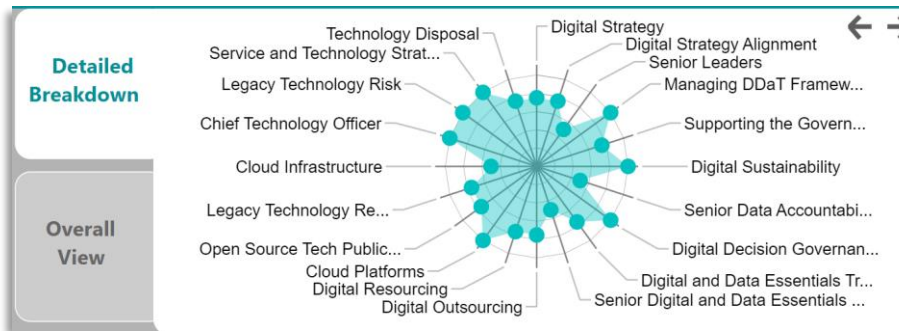
Digital Maturity Alternate Graphs



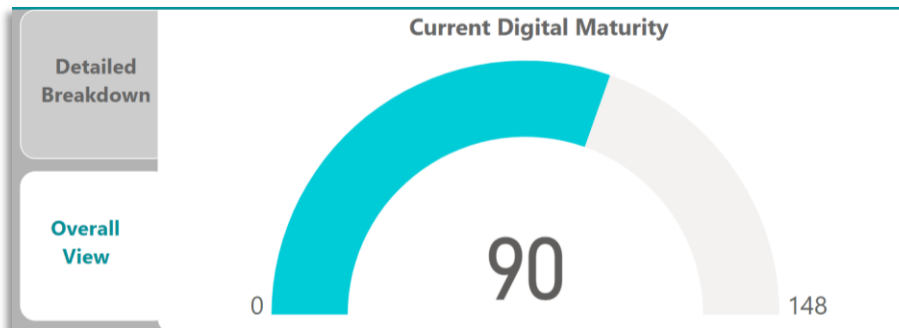
Theme View



Question View



Overall View



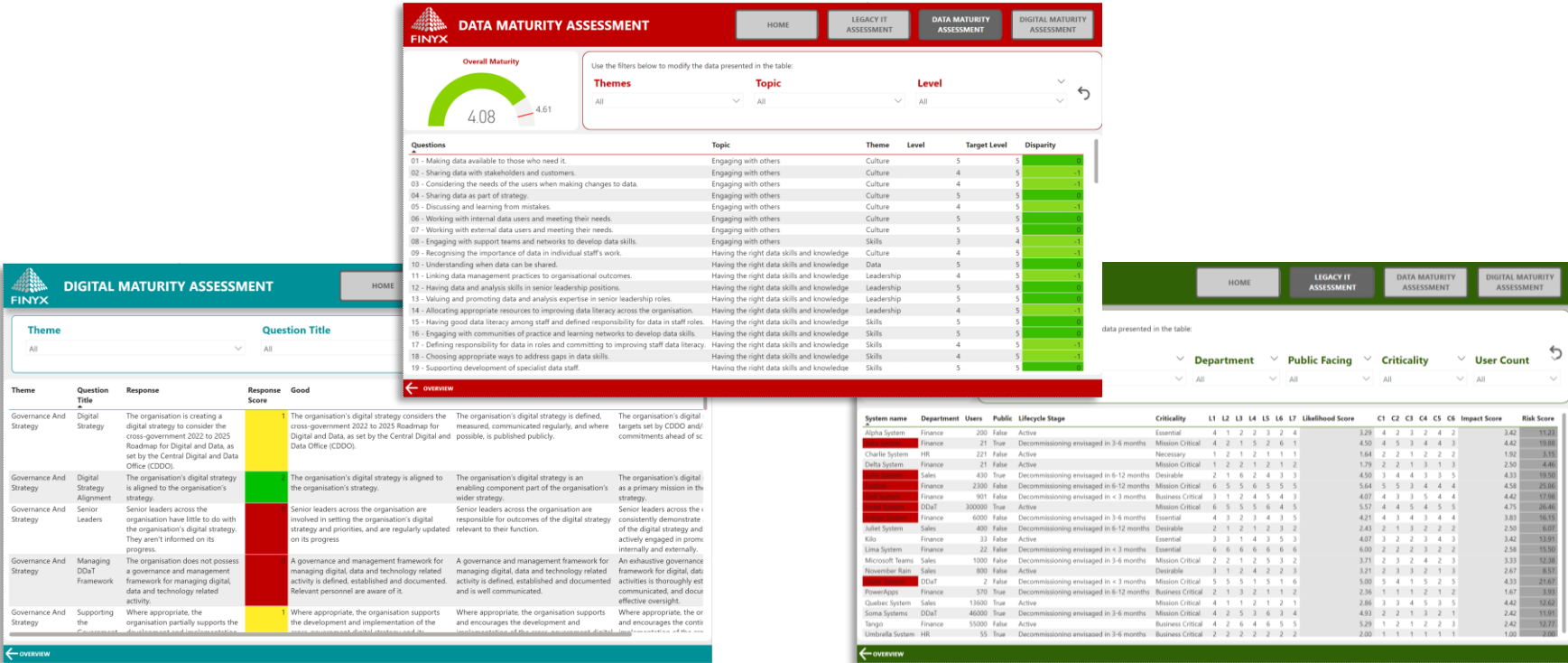
Information Pages

The image displays three overlapping screenshots of FINYX assessment frameworks, each with a distinct color scheme and layout.

- Data Maturity Assessment (Red Header):** Features a navigation bar with 'HOME', 'LEGACY IT ASSESSMENT', 'DATA MATURITY ASSESSMENT' (active), and 'DIGITAL MATURITY ASSESSMENT'. It includes sections for 'Topics' (a grid of 10 topics), 'Summary' (engagement with others), 'Themes' (culture, data, leadership, skills, tools, uses), 'Maturity levels' (5 levels from Beginning to Mastering), and 'Data issues and concepts'.
- Digital Maturity Assessment (Teal Header):** Includes a 'Theme: the overall topic area being covered' section with a table of 'Data Roles and Governance' (DDaT Assurance, DDaT Capability, Governance And Strategy, Product-centric Organisation and Agile Working, Service Management and Accessibility, Technology Roles, Governance and Management). It also features a 'Summary' section and an 'OVERVIEW' button.
- Legacy IT Assessment (Green Header):** Features a navigation bar with 'HOME', 'LEGACY IT ASSESSMENT' (active), 'DATA MATURITY ASSESSMENT', and 'DIGITAL MATURITY ASSESSMENT'. It includes sections for 'Ratings' (Green, Amber, Red), 'Scores' (Likelihood, Impact, Overall Risk), 'Completing the Assessment' (Begin by conducting a thorough assessment of all legacy IT systems), 'Best Practices' (Modernisation and Migration, Security Enhancement, Isolation and Segmentation), and a 'Score Summary' section.

Each assessment has a dedicated information page, to provide context and meaning to the data. The DDaT health-check is designed to be as user friendly as possible.

Full Data Pages



Each assessment has a full data view, in order to provide further detail to the user if necessary.