Data asset maturity assessment

Service Description



anmut

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About Anmut

Anmut provides public sector decision-makers with the tools and insights to understand how data supports their organisation's goals and where to invest to create measurable value.

We specialise exclusively in data management, and our team has extensive experience delivering tangible outcomes for government organisations. Typical results include prioritisation of data investments based economic benefits, reduced rework and processing costs, strengthened governance, and faster, lower-risk cloud, AI or digital programmes.

We are Cyber Essentials Plus certified and operate an Information Security Management System aligned to ISO 27001. We treat data protection and responsible handling as core to every engagement. For more information, or to request a 15-minute demonstration of our data asset maturity assessment software, visit anmut.co.uk.

"Anmut is unique in that they bring the best of both worlds: the rigour of a Big Four combined with the agility and creativity of a start-up."

"Anmut apply data science to data problems."

CDO, UK Government organisation

Overview of our data asset maturity assessment offering

Our software manages the entire data asset maturity assessment in a matter of weeks. From onboard employees to the platform, collecting responses and analysing thousands of data points so you can see precisely how well your organisation is managing each of its data assets, where to focus improvement activities, and how to create value, reduce inefficiency and manage data-related risks.

How Anmut delivers data asset maturity assessments

We deliver data asset maturity assessments through our end-to-end software platform that this designed to ingest inputs from 50 to 1,000+ employees and generates prioritised recommendations across 56 capabilities, organised into seven dimensions:

1. Data value (including data strategy);
2. Data governance;
3. Data architecture;
4. Data lifecycle management;
5. Data condition (quality) management;
6. Data technology architecture; and
7. Usage (including analytics).

Maturity is measured on a 1 to 5 scale using nine role-specific question sets. Only the questions relevant to each employee's role are presented. Examples of roles include data architects, data stewards, data analysts, business users and senior leadership.

Depending on the scope, a single assessment typically produces more than 10,000 data points. These underpin the automated analysis, findings and recommended actions that come as standard in the software. Results can be explored by data asset, geography, function, capability and role, giving clear visibility of strengths, weaknesses and the specific improvements recommended for each area.

Because the assessment is repeatable, organisations can reassess progress over time and quantify the impact of improvement activities.

Example screenshots from our software are shown on the following pages.

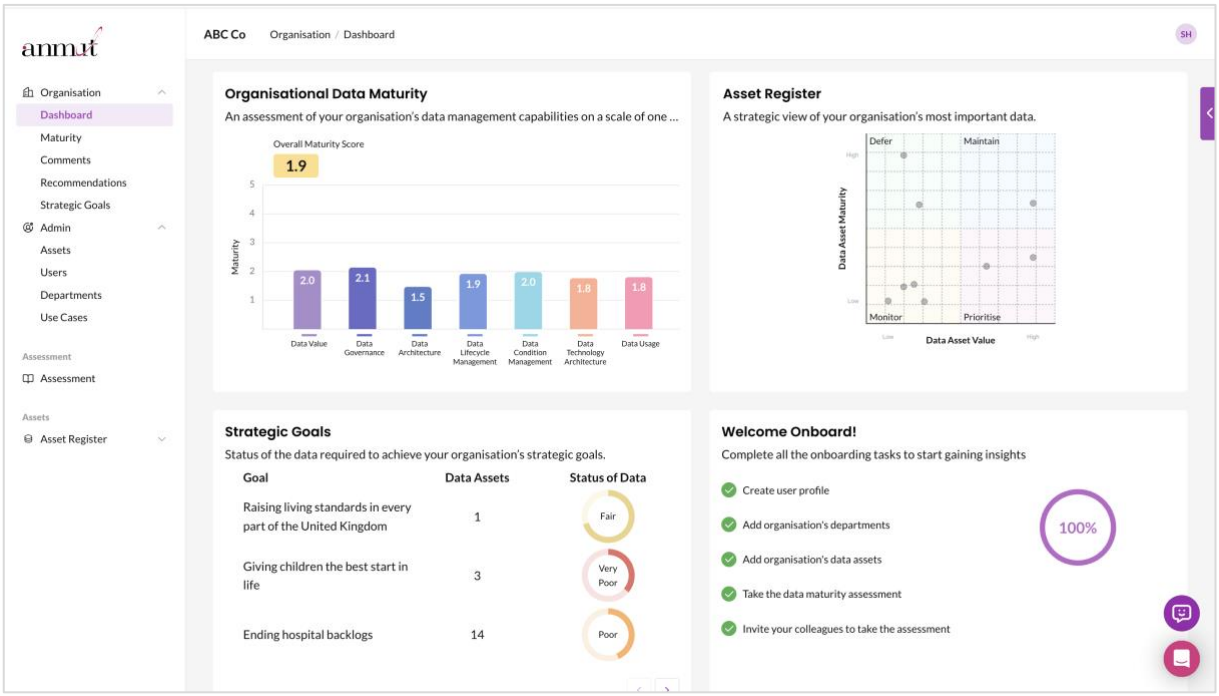


Figure 1: Dashboard Screen

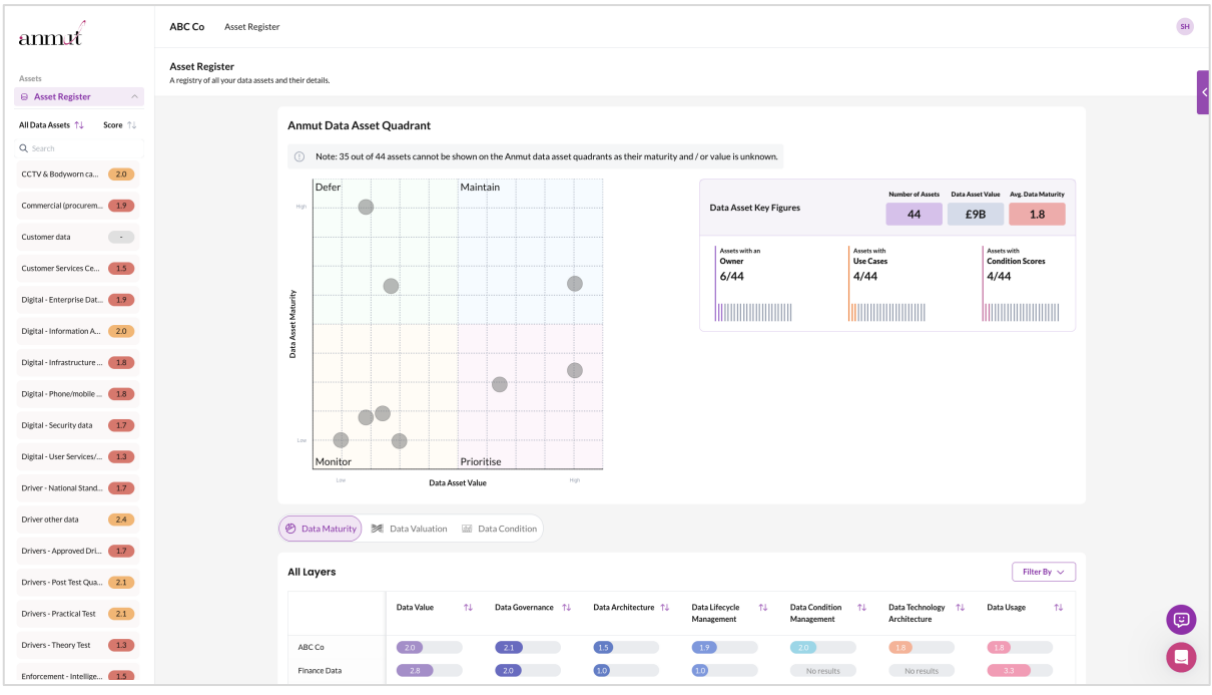


Figure 2: Data Asset Register Screen

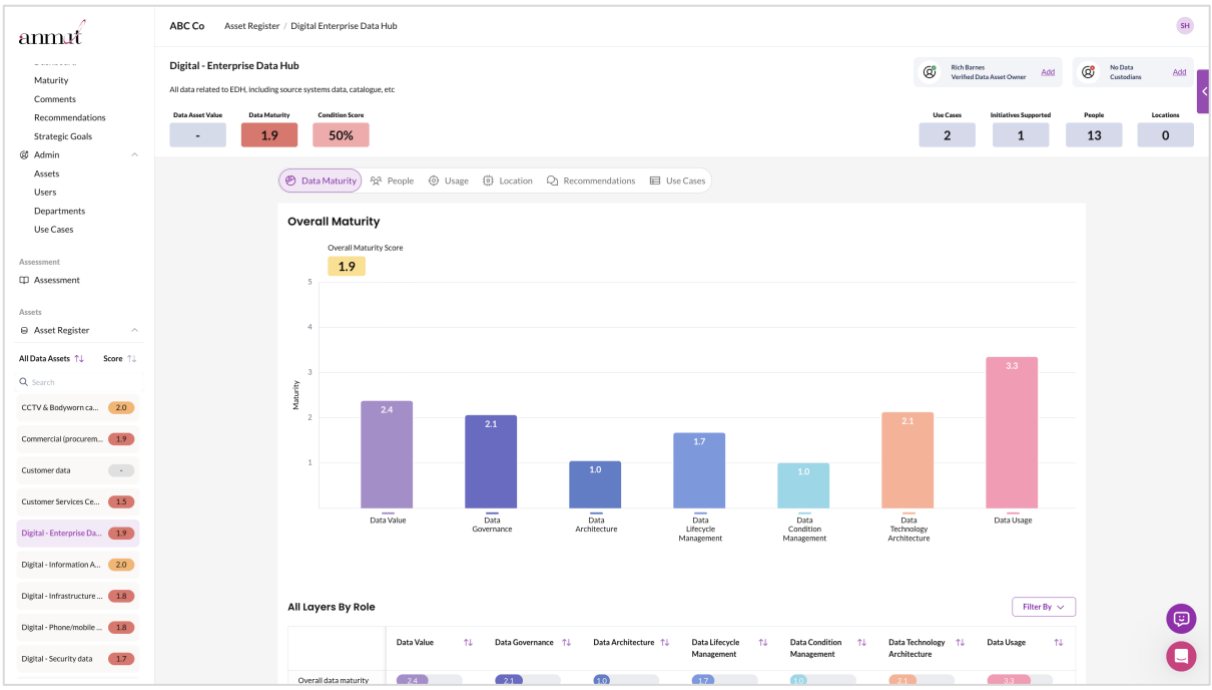


Figure 3: Data Asset Maturity Screen

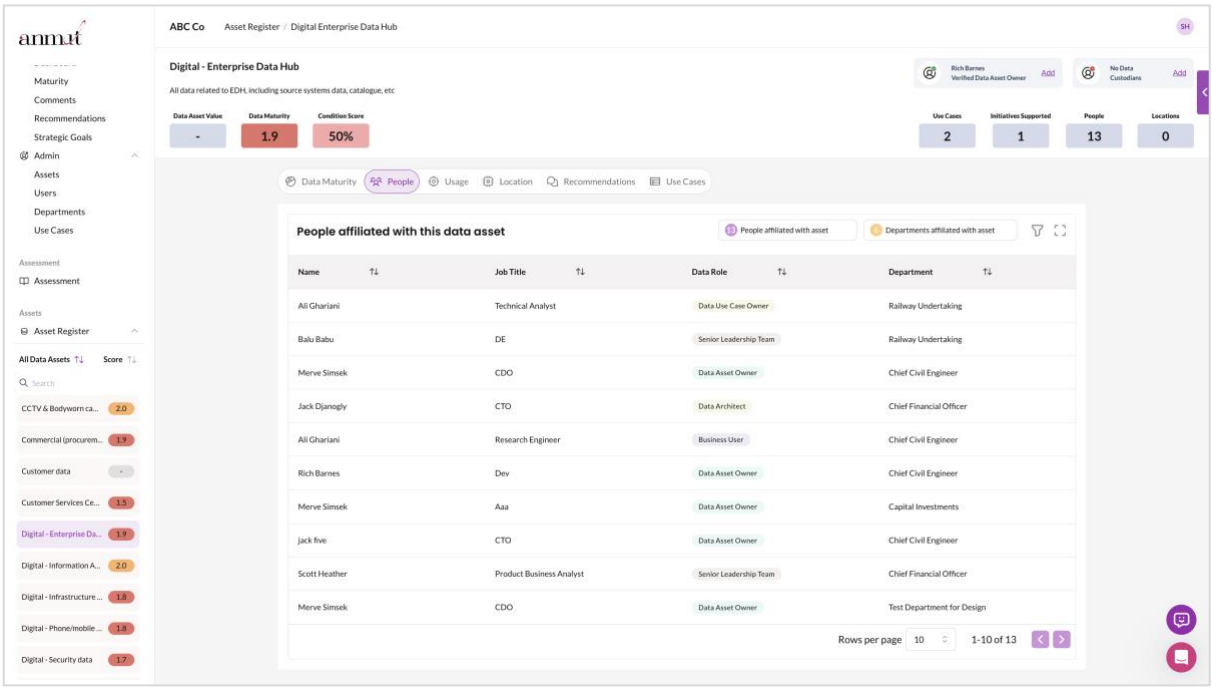


Figure 4: People Affiliated with a Data Asset Screen

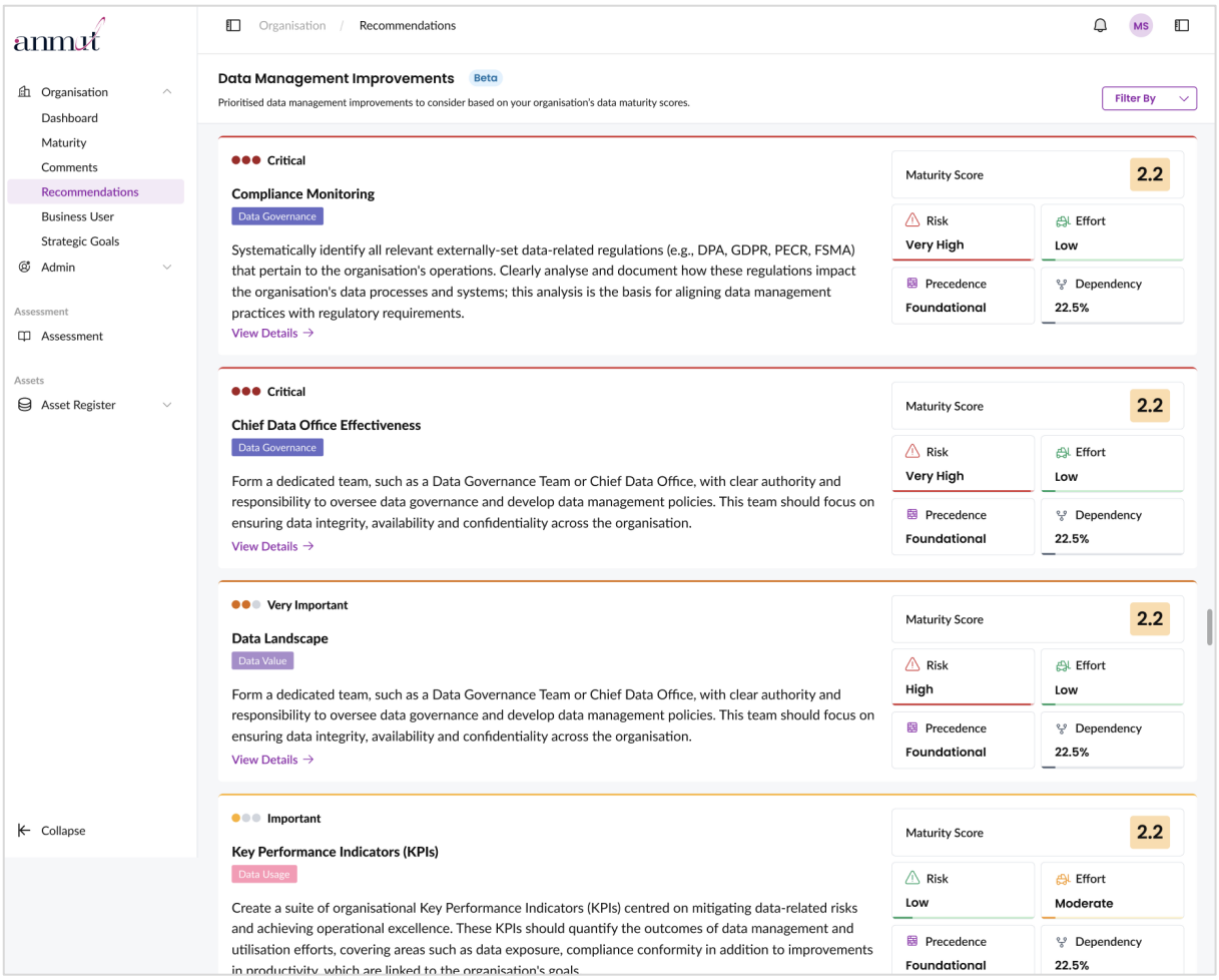


Figure 5: Data Management Improvement Screen

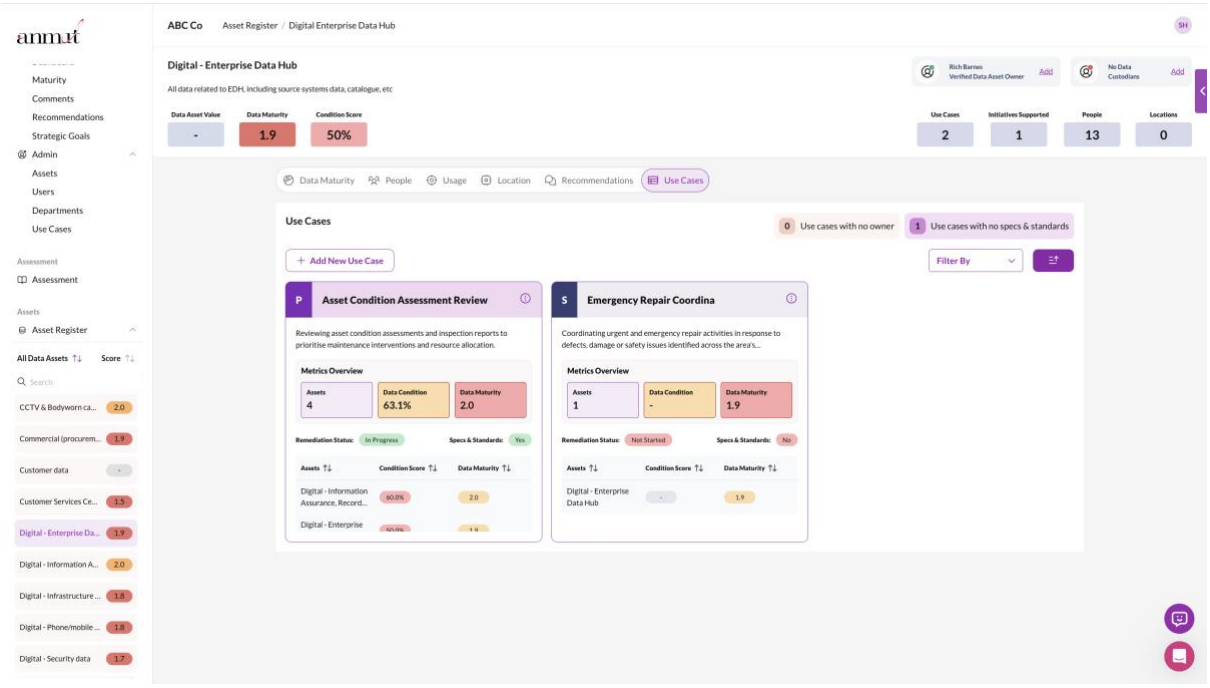


Figure 6: Data Asset Use Cases Screen

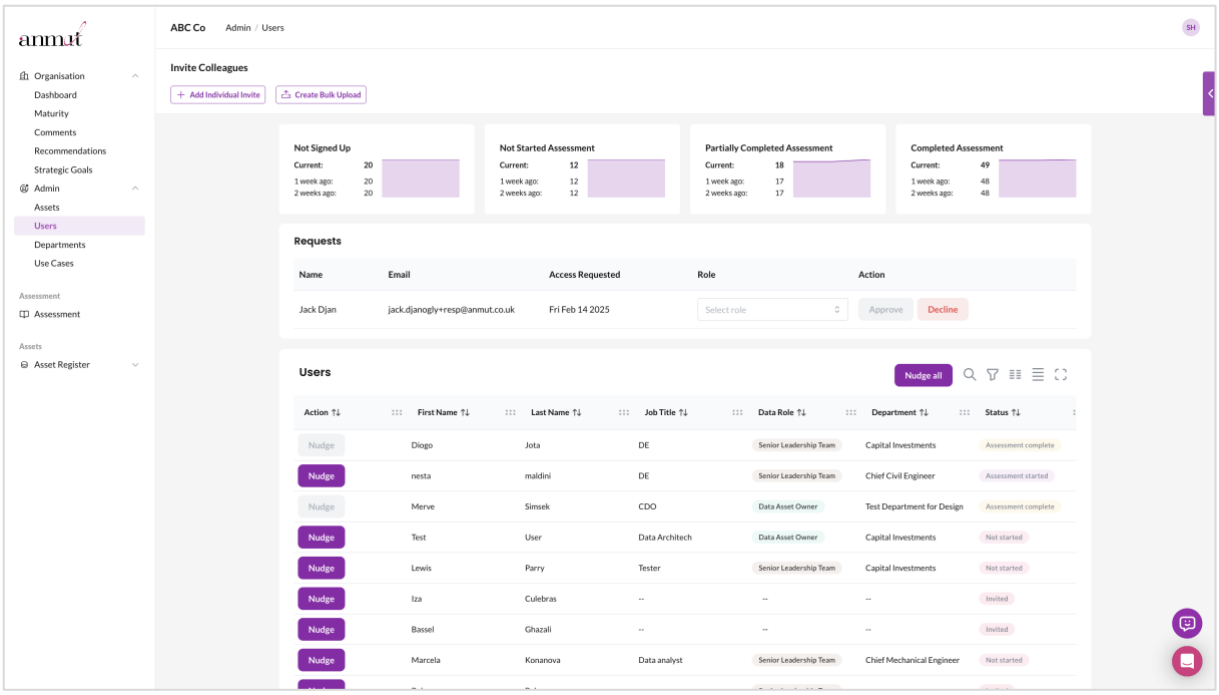


Figure 7: User Management Screen

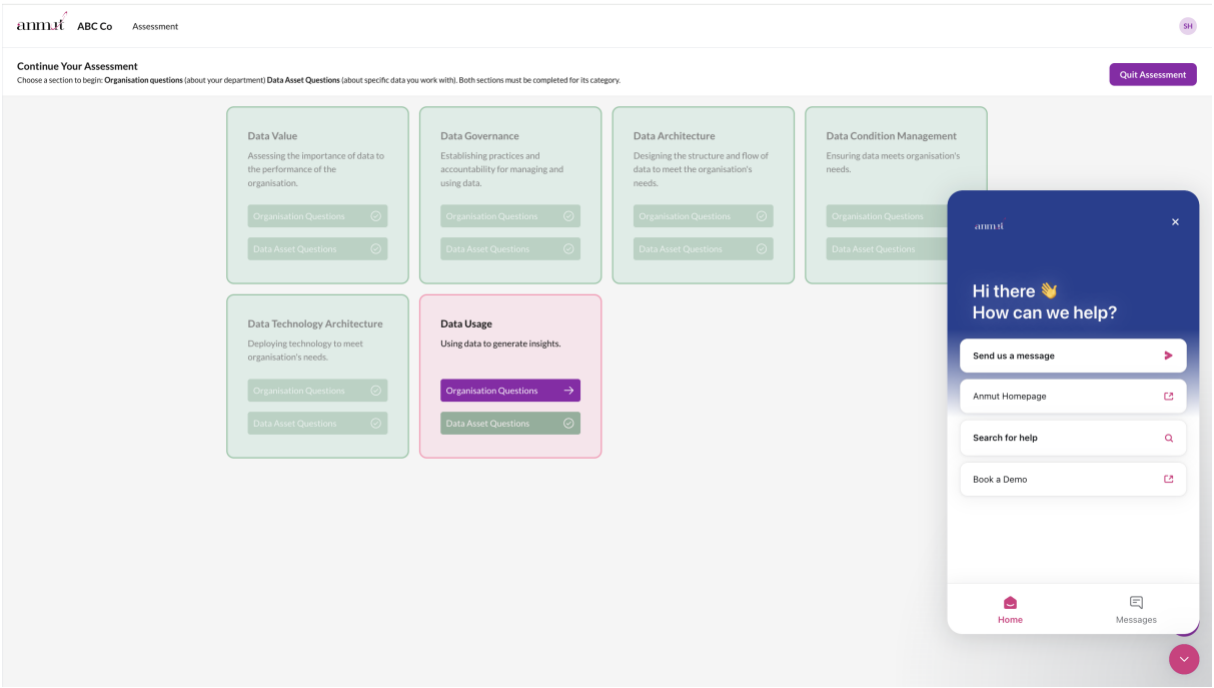


Figure 8: Assessment Landing Screen and Online User Support and Documentation

OUR PREFERRED WAY OF WORKING

At Anmut, we are passionate about using data to drive change for the benefit of our clients, their stakeholders and society. We do this by building relationships based on trust and empathy, as well as continuously investing in research so that we can develop industry-leading methods and tools to help our clients create the most value from their data investments.

During onboarding, we work with clients and their key internal stakeholders to confirm their goals, scope, deliverables, approach, and project plan. When providing consulting support in addition to our data asset maturity assessment software, we set our projects up for success by running design principles and project alignment sessions with the appropriate business and technology leads. By spending time upfront with the principal sponsors to understand expectations and gain alignment on the objectives and outcomes, we ensure that our project work is delivered efficiently, the deadlines are met, and stakeholder engagement is built in from the outset.

When we do provide additional consulting support, we work closely with our clients for the duration of the projects. This means our clients gain a detailed understanding of our methodologies and can build up their internal knowledge, which benefits their organisation long after our work is complete.

In addition to our collaborative consulting approach, we deliver written reports detailing our data maturity assessment methodologies, additional analysis produced by our consulting team based on the outputs from our data asset maturity assessment software, as well as training for our clients to ensure an effective handover of project deliverables.

Client requirements

Our preference is to obtain the following during onboarding to ensure data maturity assessment results are available within three to four weeks:

1. Names and email addresses of employees in the nine roles that are relevant to the data maturity assessment;
2. A list of the organisation's departments (or equivalent business units); and
3. A list of the organisation's data asset names and descriptions.

If any of the above inputs are not available during onboarding, we have a number of options to ensure these are obtained as quickly and efficiently as possible. For example, if a list of data assets is not available, we can work with clients, using our AI-enabled data asset generator, to create a bespoke list of the organisation's data assets that we verify with internal stakeholders.

An example of our experience

THE CHALLENGE

When the data team at the Driver and Vehicle Standards Agency (DVSA) first approached us, they wanted to help the DVSA unleash the power of technology and data. But they were aware of their constraints. To make that vision a reality, they knew they needed to make as much impact as possible with the limited resources available.

The data team wanted to demonstrate the need for an organisation-wide approach, showing the crucial dependency between successful service delivery and fit for purpose data.

“We have hundreds of customer-facing digital services that all need data, but we didn’t know which are most valuable to our customers, and the data that they rely upon” reflected one of the team members.

At the time, the DVSA didn’t have a line-of-sight between specific data assets and the activities and outcomes they enabled. This had created a defensive mindset, where the focus was on how poor data created information risk rather than business and customer risk or value.

The data team wanted to change people’s mindsets, helping them see how data affects real-world outcomes. By creating a line-of-sight between outcomes and data, they knew they could prioritise data investments by customer impact.

THE SOLUTION

Understanding the value of the DVSA’s data and the maturity of their data management capabilities was not about putting a price tag on their data with a view to selling it. The purpose in a government agency like the DVSA is to provide a common language and understanding around how data enables the delivery of public services, which data matters most and how well it is being managed. This helps everyone from the Board level down to have informed conversations around data management and targeting investments to deliver the greatest value for money.

With this in mind, we focussed on the value the DVSA’s Enforcement function creates for the economy and the data that enabled that value. We calculated that the DVSA’s enforcement activities create £1.3bn for the UK economy, each year, by preventing accidents on UK roads.

To connect this functional-level valuation to data, we conducted a data valuation and a data maturity assessment.

We used our tried and tested data maturity assessment to capture inputs from 100+ respondents, creating thousands of data points which provided a detailed view of how the

agency manages its data. Not only did it capture an agency-wide view of data management, but it also provided early warnings of potential issues.



Figure 1: Organisational Data Maturity Screen

We also valued each of the DVSA's data assets based on the degree they supported the DVSA's goals. To do this, we determined what activities the DVSA carried out to achieve each goal, which specific data assets were required to carry out the activities and how important each data asset was.

WHAT WERE THE RESULTS?

Optimised resource allocation

By combining the valuation and maturity assessment, we identified high-value, low-maturity data assets that will help the DVSA unlock enormous value for the UK economy.

"The work done has really given us the evidence to know what our priorities are", said Shirley Harding, Head of Information Management, Security & Data.

The DVSA now know how data enables service delivery, which data is most important to them and their customers, and what capabilities they need to deliver maximum data value.

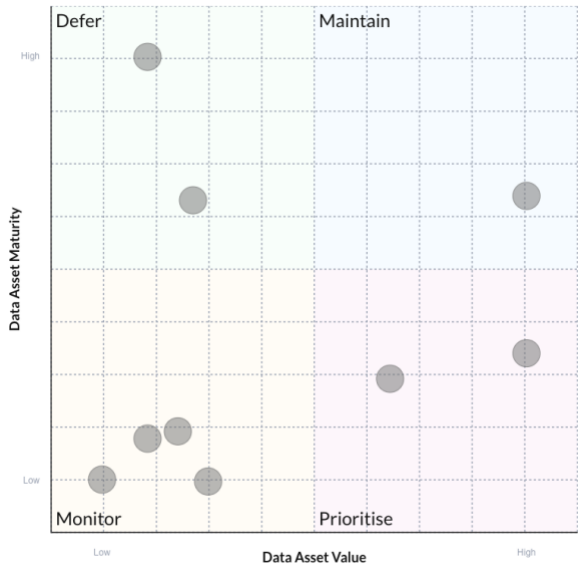


Figure 2: Maturity-Valuation Matrix of Data Assets

Changing culture and creating meaningful conversations

Now, the data team have meaningful, shared conversations with senior business leaders about how data is performing and what they can do to improve, providing a benchmark from which they can measure improvement and value delivery.

"I think this is where an evidence-based decision-making piece really helps.

When we're in a room talking about priorities and financial expenditure, I think people are starting to realise that there is an opportunity to bring data into the world of finance and business cases."

Shirley Harding, Head of Information Management, Security & Data at DVSA

Data protection

At Anmut, we feel strongly that data is one of the most valuable and important assets, which is why we are committed to protecting data by maintaining the highest levels of data security and ensuring compliance with data protection regulations. We are Cyber Essentials Plus certified and have developed a comprehensive information security management system that is aligned with ISO 27001.

RECOGNISED

anmut

Connect your data to your purpose.

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