Data Exploitation

Service Description



anmut

Table of Contents

About Anmut *2*

Overview of our Data exploitation offering *3*

How Anmut delivers its Data exploitation services *4*

Client requirements *5*

Examples of our experience *6*

National Highways Data Valuation 6

Return on Ecosystem Analysis 6

Data protection *7*

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. Our multi-disciplinary team has proven experience delivering evidence-based outcomes for government organisations. Typical results include clearer prioritisation of data investments, reduced rework and processing costs, strengthened governance, and faster, lower-risk cloud 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 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 exploitation offering

Our strength lies in our laser focus on data and our unique team of data scientists, computer scientists, software developers, business leaders, world-class academics, performance management experts, governance specialists, data architects and programme managers who deliver our Data exploitation and analytics services.

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Our team has a deep understanding of the market trends and the leading analytics platforms that are currently available. We also have the technical expertise to implement analytics platforms and deliver descriptive, diagnostic, predictive and prescriptive analytics, helping our clients maximise the value from their data.

We are passionate about creating advanced models to solve multifaceted problems and use the latest tools and techniques across a range of platforms and programming languages.

Our teams' wide range of experience, both academic and applied, means we have a unique breadth and depth of experience to solve difficult problems. This ranges from advanced machine learning, including NLP, neural networks and SVM to graph theory, statistics, flood modelling and data visualisation.

Shaped by our many years of practical experience, we have a track record of developing innovative methods that are not only grounded in rigorous academic research but crucially, delivered on time. This means that we are able to quickly design, develop and implement innovative and exciting models that are useful to decision makers.

How Anmut delivers its Data exploitation services

At Anmut, we are passionate about using data to drive positive change for the benefit of our clients, their stakeholders and society. We care enough about our clients to solve their most important problems. We do this by building relationships based on trust and empathy, as well as continuously learning so that we develop industry-leading solutions which help our clients create the most value from their data investments.

During the onboarding phase of our projects we work with our clients and their key internal stakeholders to confirm project goals, scope, deliverables, approach, and project plan. We also set our projects up for success by running design principles and project alignment sessions with the appropriate functional 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.

For the duration of our projects we work closely with our client teams. This means our clients gain a detailed understanding of our innovative methodologies and are able to build up the knowledge base required to make the most out of our analytics services long after our work is complete. In addition to our genuinely collaborative approach, we deliver written reports detailing our analytics methodologies, the analysis produced based on these methodologies and user training for our client teams to ensure an effective handover of our project deliverables.

"What surprised me about working with Anmut was the level of empathy. You spent time properly understanding our business and unique behaviours and were able to provide key insights that we weren't able to deliver in-house. You worked with us to develop a great understanding of the data value of our business, which has helped us to distil and communicate this value to investors."

CEO, European digital health organisation

Client requirements

As analytics projects vary widely in their scope, our client requirements are similarly varied. However, we typically require the following from our clients when completing data exploitation and analytics projects:

1. Input data and assumptions.
2. Access to your IT policies and a list of your preferred tools so that we can build solutions that best meet your requirements; and
3. Access to client subject matter experts.

As noted in the previous section, one of the activities we complete during the onboarding of our clients is to confirm the project scope and approach. As part of this activity we review the above requirements with our client, and in cases where the required inputs are not available, we would suggest options based on our previous client projects and agree a revised approach before moving forward.

Examples of our experience

NATIONAL HIGHWAYS DATA VALUATION

Designed a world-leading solution that evaluates the material value of data-assets from stakeholder perspectives.

National Highways needed to develop a quantifiable and objective way of understanding which data is valuable to their end stakeholders, such as commuters and freight companies, and how investments in this data should be prioritised going forward.

Anmut worked with National Highways to develop a world-leading solution to quantifiably measure the value of the organisation's data assets by using the latest machine learning techniques combined with novel economic, accounting and statistical methods.

This has enabled National Highways' CDO team to articulate the future case for investing in data management in a quantifiable and objective manner.

RETURN ON ECOSYSTEM ANALYSIS

Our global pharmaceutical client is at the forefront of digital innovation in their industry. Through novel approaches to drug development, they have been able to accelerate the timeline from drug discovery to regulatory approval for use.

Recent success stories of partnering with other organisations to drive innovation, including one partnership that helped them deliver a COVID-19 vaccine, raised the question of how the team can ensure they are managing their ecosystem of partners as effectively as possible. Balancing shorter-term impacts like improving drug development timelines against collaborations that have more intangible benefits, while also ensuring they are strategically aligned to the company's research and development goals.

To help our client understand and manage their external ecosystem, we developed a methodology and built an analytics tool that:

- analyses the impact of their collaborations based on 28 value drivers; and
- analyses each of the technologies and capabilities being developed through the collaborations to assess their contribution to the client's strategy.

This 'Return on Ecosystem' analysis allows our client to articulate the impact of their external collaborations clearly and consistently to senior leadership and allows the team to prioritise collaboration efforts and spending more effectively.

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

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Connect your data to your purpose.

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