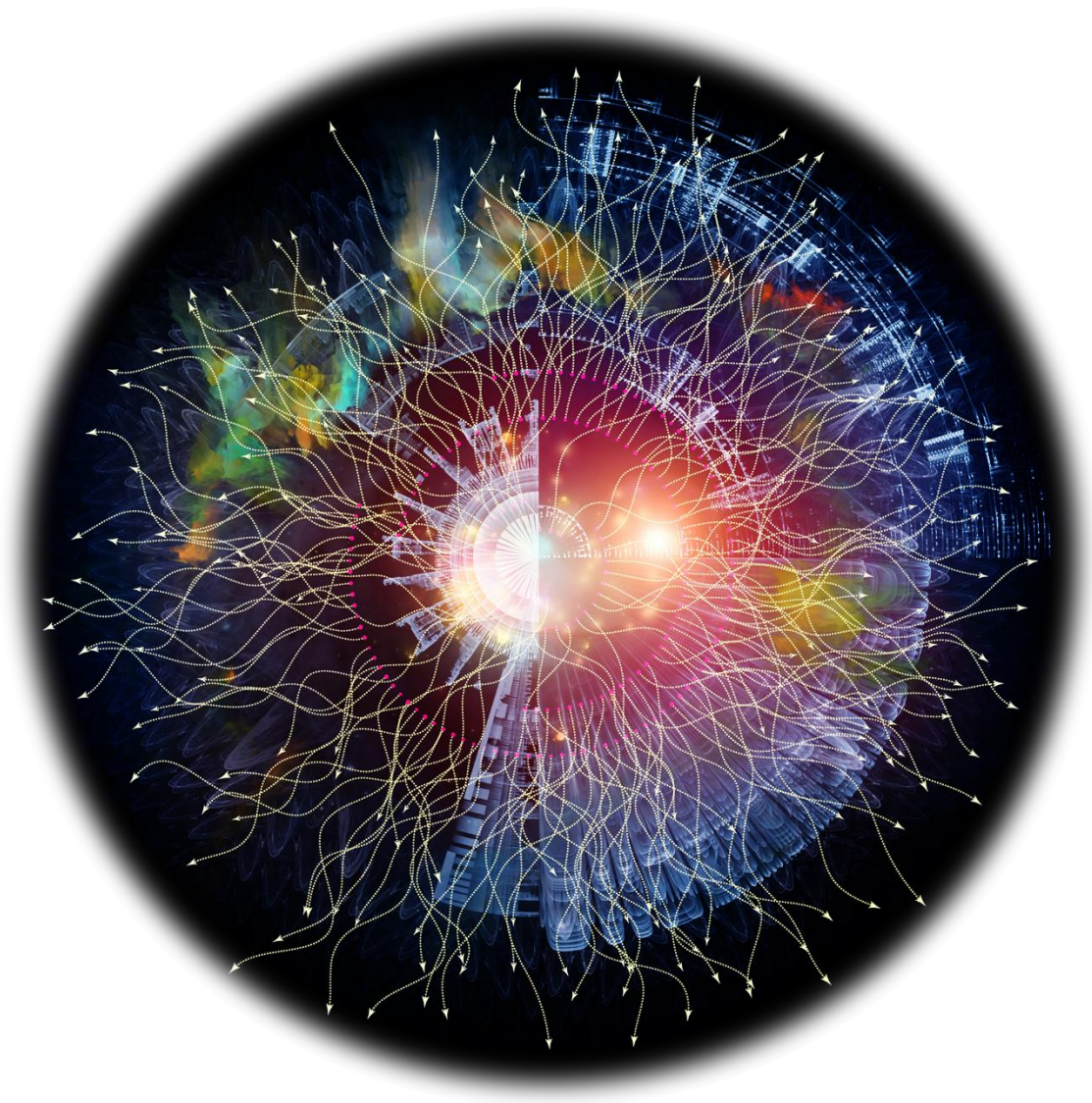




Advanced Analytics and Data Science in Healthcare

G-Cloud 15 Service Definition Document

January 2026

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1 Deloitte Overview

As a leader in professional services, Deloitte LLP is committed to making an impact to our clients, our people and for society. We have over 27,000 staff based across the UK providing audit, risk advisory, tax, consulting, financial advisory and legal services to public and private clients across multiple industries. We work together to build trust, support inclusive growth, and build capability, enabled by our **breadth and depth of expertise across advisory, delivery, engineering and managed services.**

Our **public sector practice** serves Central Government, Government Agencies, Local & Regional Government, Defence, Security and Justice, Health and Social Care, Transport, Education and Housing. We also provide services to the Northern Ireland Office, Scottish Government, Welsh Government and Crown Dependencies.

Our Cloud Capability

At Deloitte, we help our clients **Imagine, Deliver and Run** the businesses of the future through the power of **Cloud**. We have deep Cloud architecture, engineering, operational, commercial, and business transformation expertise delivered by a team of more than 26,000 Cloud Practitioners globally. We have delivered over 2,000 cloud implementations over the past 5 years and have 60+ cloud centres of excellence supporting the delivery of cloud services to our clients.

In the UK, we have a team of over 100 Cloud managed service specialists plus the following certifications across AWS, Microsoft Azure, Google Cloud and Oracle Cloud Infrastructure (OCI):



We help our clients with all aspects of their journey-to-cloud and optimisation of their cloud and cloud-services investments. Our Cloud practice can support you to optimise your client investments, and to navigate your organisations cloud journey, providing specialist cloud architecture, engineering, and operational skills at all stages, with a large proportion of our team holding the clearances required to meet your specific security requirements.

Our AI Capability

Deloitte stands at the forefront of AI transformation and was recognised as a Leader in the 2025 IDC MarketScape for Artificial Intelligence (AI) services for the fourth consecutive time. Supported by a £3 billion investment in AI, Data, Automation, Cloud, and Cyber, we seamlessly integrate our deep AI expertise with our extensive cloud capabilities. Our UK team is part of 339K AI-fluent practitioners globally, and includes over 1,300 AI specialists and engineers, many of whom hold the necessary security clearances for public sector delivery.

Through the Deloitte AI Institute, our hub for cutting-edge research and innovation, and strategic alliances with leading hyperscalers, we empower public sector clients to optimise costs, streamline processes, and navigate their AI journey. We achieve this by leveraging our ReadyAI™ models, which provide end-to-end support for AI solution implementation, and our Trustworthy AI™ framework, ensuring responsible and ethical deployment.

Our alliances & ecosystems

To bring full value to our clients, Deloitte is a premier consulting partner with all the leading hyper-scale cloud vendors in the market including AWS, Google, Microsoft¹ and SAP. A selection of our partners and alliances are presented below:



What the analysts say

Don't just take our word for it. Deloitte is recognised by the analyst community as being **leaders in cloud transformation services**. This reflects the wealth of experience we have in delivering cloud services across the public sector and wider private sector combined with our out-of-the-box templates, tools and assets.

Gartner

Originating in 2021, Deloitte has been recognised as a Leader in this category for four years in a row. Deloitte was also positioned as a Leader in the **Gartner Magic Quadrant for Public Cloud Infrastructure Professional and Managed Services, Worldwide** in 2021, 2020 and 2019, the previous form of this category.

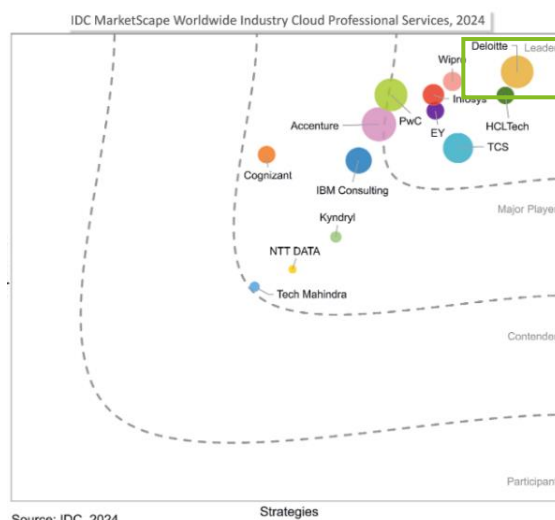


Gartner

Gartner: Magic Quadrant for Public Cloud IT Transformation Services. © Gartner inc. 2025

IDC

Deloitte has been awarded Leader status in the **IDC MarketScape: Worldwide Industry Cloud Professional Services 2024** Vendor Assessment. We have also been recognised as Leaders in **Hybrid IT Consulting & Integration Services** and **Software Engineering Services**.



Source: IDC, 2024

IDC MarketScape: Worldwide Industry Cloud Professional Services Vendor Assessment © IDC inc. 2024

Cloud Transformation

Transform Faster, Transform Smarter

Deloitte's Cloud Transformation can fast-forward your journey to the Cloud, unlocking innovation, efficiency, and growth.

[Find out more here](#)



¹ As Microsoft's Independent Auditor, Deloitte cannot have a direct or material indirect business relationship with Microsoft, such as having an alliance or being a registered partner. Nonetheless, Deloitte can provide Microsoft-related technology services and invests heavily across its global business building technical skills and capabilities to develop world-class consulting and solution delivery capabilities.

2 Service Overview

Deloitte offers advanced analytics and data science offerings for the healthcare sector, deployed on the cloud and managed as a service when required.

Offerings include but are not limited to predictive analytics, whole system modelling, demand and capacity analytics, algorithm design, applied artificial intelligence offerings within health, including the review of medical records.

Key Features

- ✓ Big data analytics cloud platform on disparate health data sets
- ✓ Predictive modelling, Python, R, spark, dbt, SaaS
- ✓ Advanced Analytics deployment on the cloud
- ✓ Data mining on big data cloud architectures, AWS, GCP, Azure
- ✓ Cloud based data pipelines, visualisation, Fabric, PowerBI, Palantir, Tableau
- ✓ Deep learning, AI and machine learning algorithms development
- ✓ AI and NLP applications relating to medical records
- ✓ Predictive analytics implementation in healthcare
- ✓ Real-time advanced analytics on sub-second data streams
- ✓ Deployment onto Amazon-Web-Services (AWS), Google Cloud Platform (GCP), Microsoft Azure

Key Benefits

- ✓ Deloitte Data scientists supporting generating value from your data
- ✓ Build/train in-house data science capability, utilising dormant analytics resources
- ✓ Enable and operationalise insight for more accurate and informed decision-making
- ✓ Accelerate analytical processes, enabling real-time decision support, minimising operational costs
- ✓ Build data science accelerators to drive insights from the data
- ✓ Reduces data wrangling time, increases data analysis time
- ✓ Reduces data manipulation time, increases time to value
- ✓ Improves hospital patient flow and clinical insights
- ✓ Reduces medical process times
- ✓ Improved clinical and operational workforce productivity

3 Detailed Service Description

Deloitte’s vision for advanced analytics is to provide market leading analytics and AI across the Health and Care Ecosystem, which can be delivered instantly, financially sustainably and contain robust end-to-end prescriptive insights.

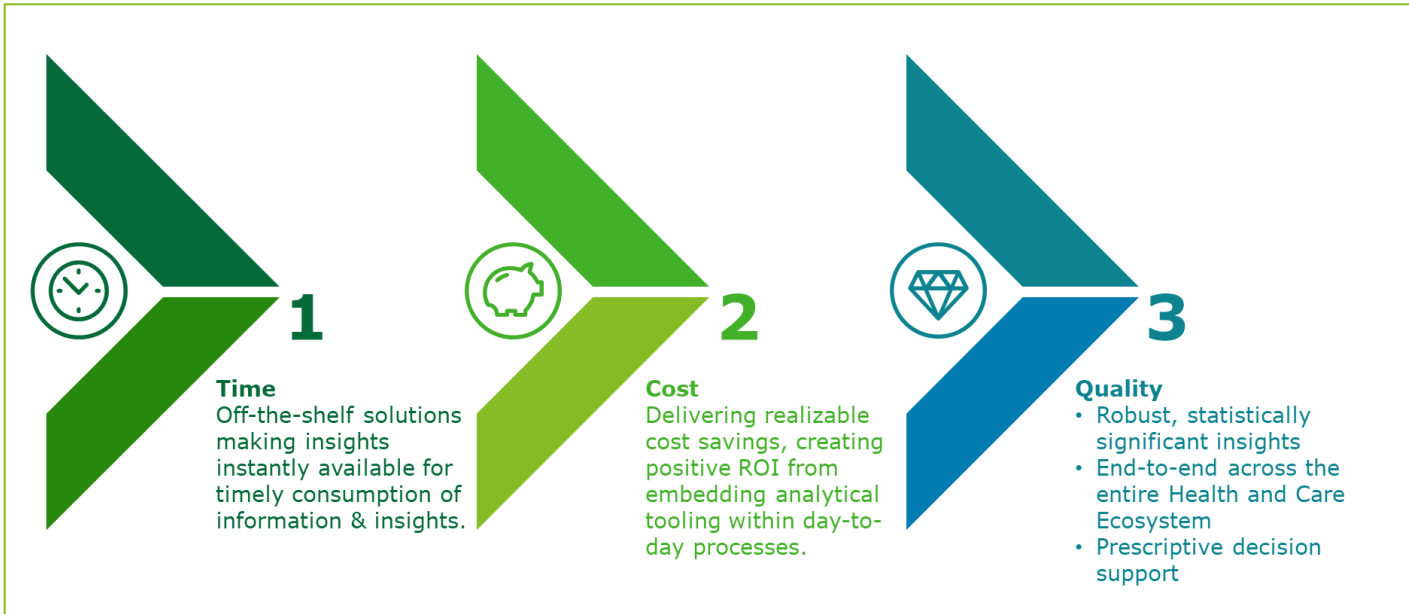


Figure 1 – Deloitte Vision

Deloitte end to end suite of modules support all strategic decisions a healthcare system makes.

This includes the full spectrum from identifying new opportunities in which to invest through to evaluating existing transformation programmes or services.



Figure 2 – Deloitte Modular approach.

From Deloitte’s Modular Approach, our analytics team can provide an end-to-end suite of solutions to support all strategic decisions made across NHS and Care Organisations.

Use Case	Relevant Modules			Key benefits of Deloitte's Tools
Planning	Issue Identification Workforce Planning Data Self-Service	Solution Development Estates Planning Data Self-Service	Programme Evaluation Contracts Evaluation	- Machine Learning based long-term forecasts (10+ years) - Opportunities identified and ranked based on realisable impact - Aggregated to most appropriate level (GP to ICB)
Management Information	Issue Identification Workforce Planning Data Self-Service	Solution Development Estates Planning Data Self-Service	Programme Evaluation Contracts Evaluation	- Single version of truth, one source of data for all organisations - Release of BI team capacity through automation and self-service - Automated IG rules to promote cross-organisational working
Business Case Development	Issue Identification Workforce Planning Data Self-Service	Solution Development Estates Planning Data Self-Service	Programme Evaluation Contracts Evaluation	- Wider exploration of issues, assess metric influencers and causes - Benchmark top performers and portfolio duplication prevention - Rapid, automated business case modelling
Transformation Programmes	Issue Identification Workforce Planning Data Self-Service	Solution Development Estates Planning Data Self-Service	Programme Evaluation Contracts Evaluation	- Accurate evaluation of metrics, using advanced techniques - Linking project delivery to forecasted impact, via the project plan - Automated linking of realised impact to demand forecasts
Workforce Planning	Issue Identification Workforce Planning Data Self-Service	Solution Development Estates Planning Data Self-Service	Programme Evaluation Contracts Evaluation	- Demand over long-term period & linked to programmes - Machine learning capacity assumptions for each staff group - Whole-system optimisation on resourcing and demand allocation
Contract Payments	Issue Identification Workforce Planning Data Self-Service	Solution Development Estates Planning Data Self-Service	Programme Evaluation Contracts Evaluation	- Automated whole service evaluation and performance - Automated payment flow recommendations linked to activity - Assessment of service mix based on future population needs
Pathway Redesign	Issue Identification Workforce Planning Data Self-Service	Solution Development Estates Planning Data Self-Service	Programme Evaluation Contracts Evaluation	- Intelligent Patient Pathway optimisation with automated IG Compliance - Pathway performance aligned to service evaluation - Forecast future population health needs and pathway implications
Estates Strategy	Issue Identification Workforce Planning Data Self-Service	Solution Development Estates Planning Data Self-Service	Programme Evaluation Contracts Evaluation	- Automated view on optimal estates designs and configuration - Demand services linked to projects and planning forecasts

Figure 3 – Deloitte Analytics Modular approach

Deloitte Advanced Analytics Support Solutions

Deloitte can offer support across the whole Insights and BI function, which can be tailored to suit your needs across the analytics lifecycle. This includes advanced analytics tools, embedded analysts, application of cognitive tooling (from machine learning to agentic AI), training, data management, data governance and support wrap-around.

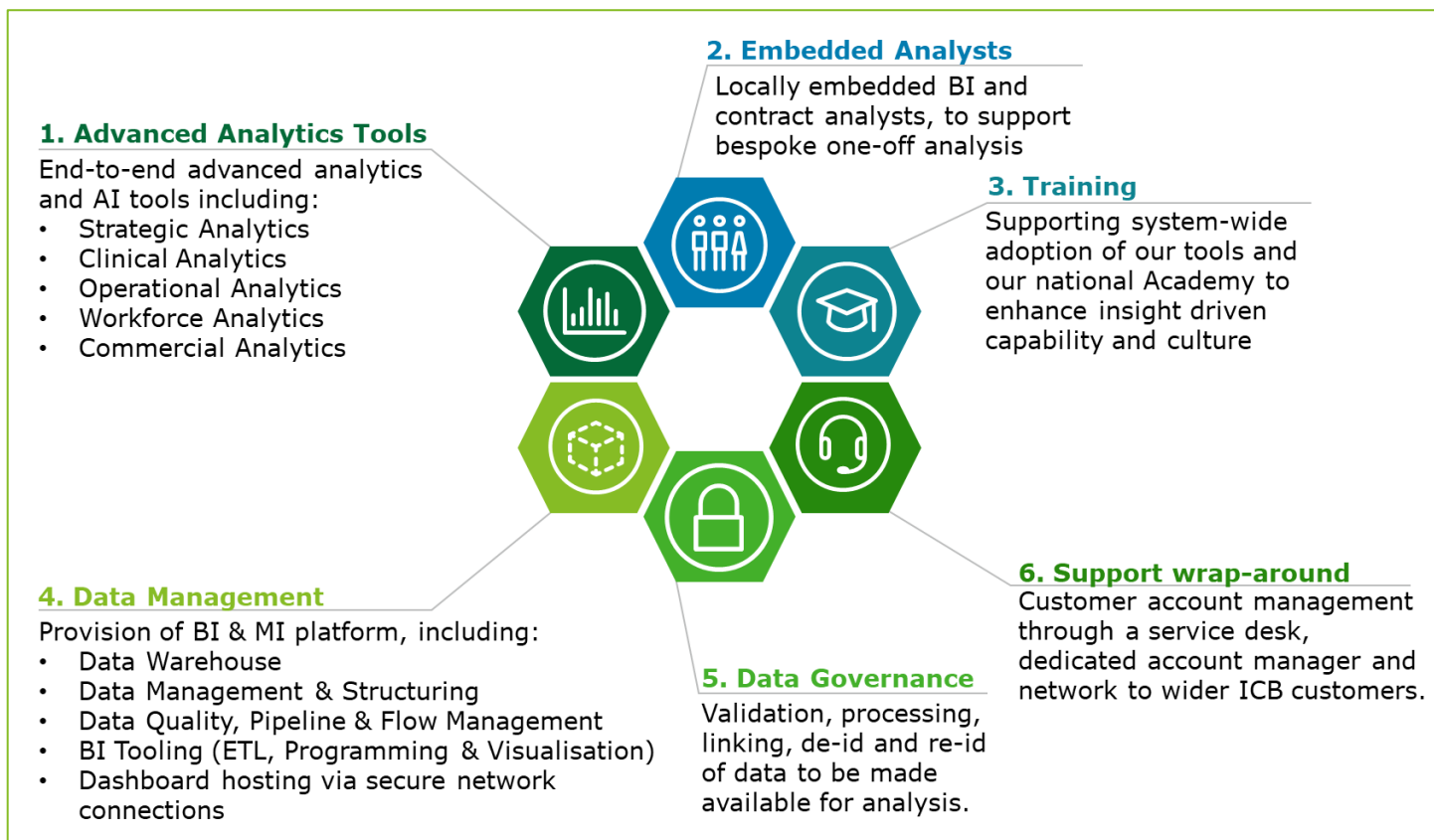


Figure – Deloitte Advanced Analytics Support

4 Contact Details

Please send your requirement to publicsectorbidteam@deloitte.co.uk. Alternatively, if you wish to discuss your requirements in more detail, please send us the following information and we will be happy to contact you:

- Your organisation name
- The name of this service
- Your name and contact details
- A brief description of your business situation
- Your preferred timescales for starting the work.



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