

Data Science (DS) and Artificial Intelligence (AI): Healthcare Analytics

G-Cloud 15





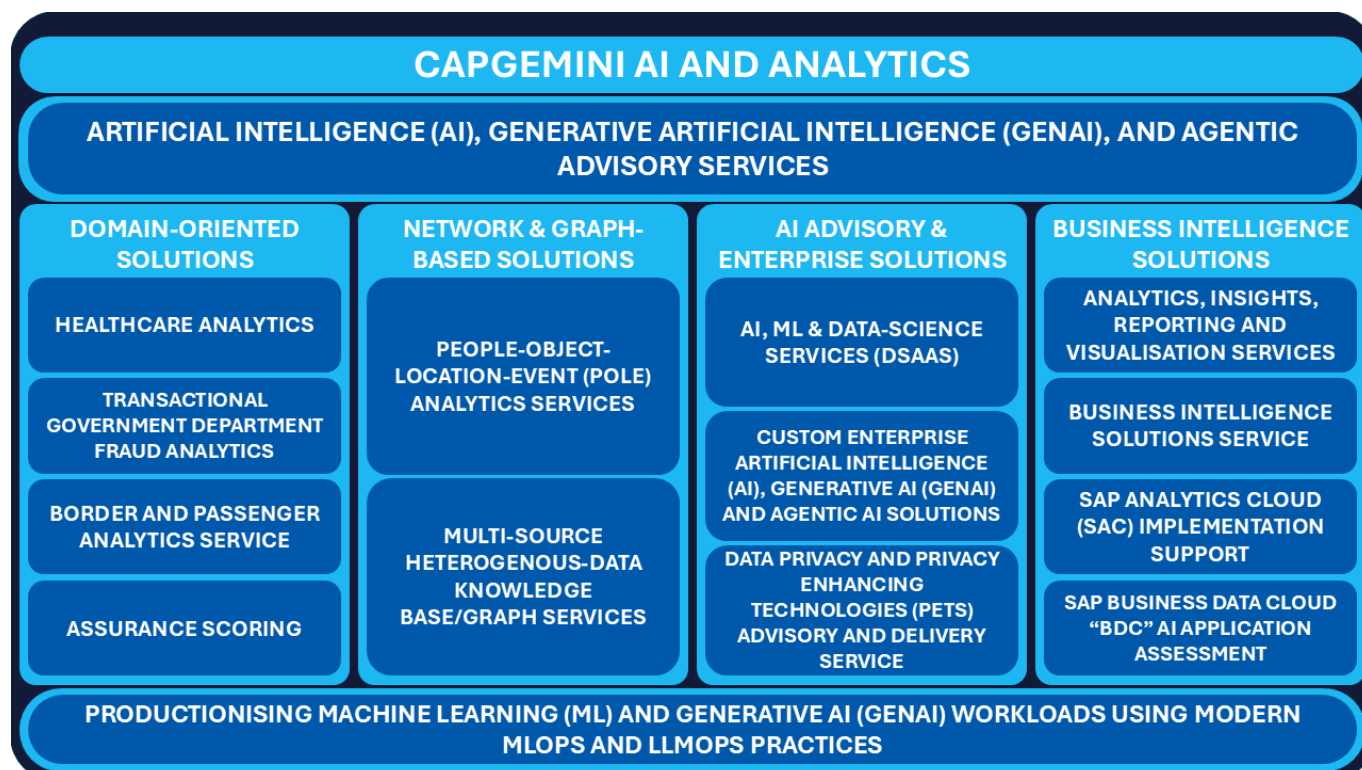
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1 Service Overview

Capgemini is at the forefront of applying cutting-edge Artificial Intelligence (AI) and Data Science (DS) to deliver transformative solutions at scale. With a proven track record of successful deployments across industries, including healthcare, Capgemini combines innovation with deep expertise to help organisations unlock actionable insights and improve outcomes.



This diagram is for illustration only and does not represent any obligation or responsibility of Capgemini.

Capgemini has a history in delivering data and intelligence related services to the NHS, and wider UK public health bodies including DS and AI solutions. Capgemini has a deep understanding of the UK health landscape, considerations and constraints.

2 Business Need

Making sense of large amounts of data should be a priority for healthcare organisations. Data Science and AI-driven analytics solutions can give insights into business operations, patients, systems and environments to help Healthcare organisations identify opportunities, optimise performance and avoid risks.

With the adoption of electronic health records (EHRs) and other digital tools, much more data, structured and unstructured, is now available to be processed and analysed. Computing and Cloud infrastructure can process these large quantities of data in real time, pushed to the right operational and clinical decision makers at the right time while Data Science, Machine Learning and Artificial Intelligence tools can make useful inferences and predictions based upon it.

The need for analytics is broad within the NHS, Department of Health and Social Care and Arms Length Bodies ("ALB"). Utilising data effectively is crucial for ensuring the long-term sustainability, effectiveness, and efficiency of the UK public health sector.



3 Our Approach

Capgemini's delivery methodology and service approach is defined by the scope of Capgemini's core capabilities within the healthcare domain.

Capgemini's Data Science, AI and Advanced Analytics services drive end-to-end transformation across healthcare, starting with strategic data consultancy and governance, through to building advanced analytics platforms, deploying solutions, and providing training and ongoing support. Capgemini is an expert on national (e.g. SUS, HES, SLAM) and local datasets, having worked with them across numerous programmes.

Capgemini's team understands the core requirements of the NHS; Capgemini is versed in the common models and requirements, such as risk stratification, contract, performance monitoring and finance, as well as GP level analytics and monitoring (a full list of specialisms can be provided upon request).

Capgemini has the ability to enable a diverse range of programmes, as well as the associated periphery services to facilitate this transformation. The services include but are not limited to:

- **Agentic AI applications** – deploying autonomous AI agents that can plan, reason, and act across complex healthcare workflows. These systems leverage multi-modal data (EHRs, imaging, genomics, and real-time monitoring) to coordinate tasks such as automated care pathway optimisation, proactive patient engagement, and dynamic resource allocation. By integrating with clinical systems and using advanced reasoning capabilities, agentic AI can reduce administrative burden, accelerate decision-making, and deliver personalised interventions at scale;
- **Large Language Models applications** – using generative AI models to help summarisation, expedited processing, and integration of documents and medical records, to provide precise and prompt insights.
- **Real time alerting** – leveraging Electronic Health Records (EHR) data to provide immediate, context-aware insights for clinicians. This includes safety checks such as drug contraindications, dose validation, and prescribing alerts, supporting accurate and timely clinical decisions;
- **Precision Medicine** – enabling highly tailored patient care by leveraging individual genetic data alongside population-level outcomes. This approach goes beyond traditional personalisation, using advanced analytics and AI to predict treatment efficacy, optimise therapies, and improve health outcomes for each patient;
- **Electronic Health Records (EHRs)** - accessing and sharing patients digital records via secure information systems, allowing healthcare staff to implement changes avoiding paperwork or risk of duplication;
- **Humanising Healthcare** - integrating all aspects of healthcare analytics to focus on individual patients, their care journeys, and associated costs. This approach helps reveal true patient demand, understand how individuals impact performance challenges, and guide the redesign of healthcare systems and services.

Capgemini's healthcare analytics service provides business analysis, design / consultation and service management in support of the design and deployment of Cloud-based services.

Capgemini's delivery methodology and service approach can be defined by the scope of the engagement and composition of services procured.

As standard, Capgemini leverages a wide array of industrialised techniques to provide a scalable and robust backbone to Capgemini's consulting services. Capgemini can adopt a variety of delivery methods, release schedules and engagement models. For a majority of projects, Capgemini leverages Unified Project Management ("UPM") methodology.

The UPM method is an essential contribution in making the difference between project success and project failure. It is therefore fundamental to the attainment of consistent Buyer satisfaction. This approach to project management results from Capgemini's experience in managing successful projects. Reflecting volatile business and technical environments, it recognises the complexity of most contemporary projects, and the business need for those projects to be run in a time-critical and cost-sensitive manner. UPM is compliant with Capability Maturity Model Integration (CMMI) requirements version 1.3 up to level 3 (as defined by the Software Engineering Institute) and is also aligned with the 4th edition of the Project Management Body of Knowledge ("PMBok") from the Project Management Institute. All Capgemini's engagement managers / project managers



are required to undergo training and certification in using UPM. This allows us to deliver at pace despite organisation and/or logistical obstacles (e.g. for DHSC (UKHSA) during the COVID-19 pandemic).

4 Buyer Responsibilities

Please refer to the Supplier Terms listed with this service on the Platform. These may contain additional Buyer obligations/costs the Buyer is subject to that are not identified anywhere else in the Supplier's Application or on the Platform.

The Buyer responsibilities as part of this service are as follows:

- Buyer must ensure a project owner is available and empowered to make decisions when requested by the project delivery team, in a timely fashion
- Buyer must ensure that changes to project goals are documented and communicated to the project delivery team, in a timely fashion
- Buyer should ensure that the project owner attends regular project progress meetings.

If these responsibilities do not match Buyer's expectations, then please contact Capgemini in order that options can be explored to vary the approach.

5 Service Management

Not applicable.

6 Protection of Data

This service is based on a security classification of 'Official', however should you have a requirement for a different security classification that you would like us to consider, please contact us to discuss.

7 On-boarding and Off-boarding

Prior to the execution of the Order, the Supplier and the Buyer will agree the scope of the exit plan for the Services and a timescale for delivering an exit plan to ensure continuity of service.

Capgemini shall undertake on-boarding and off-boarding activities agreed within the Order Form (including as a minimum an exit plan in line with the Call-Off Contract terms) which will be charged for in accordance with the Pricing section for this service.

8 Skills and Knowledge Transfer

Capgemini recognises that skills and knowledge transfer is a critical element in the provision of G-Cloud services to public sector clients. Where possible and applicable, this forms part of the delivery plan for the service agreed at the start of the engagement. Our consultants and engineers are experienced in providing skills and knowledge transfer for major private and public sector clients.

Where appropriate, we may use a standard approach, tailored to topic, skills-gap and individual, to ensure consistency and effectiveness. The approach, Capgemini's Assess-Plan-Implement framework, has been used repeatedly by our teams to structure the work involved in transferring skills and creating new teams capable of driving and sustaining change long after the end of the formal programme. The framework can be applied



throughout a project to understand knowledge transfer objectives, plan training delivery methods and materials, and deliver and evaluate success.

9 Vendor Accreditations/Awards



For the 13th year in a row, Capgemini has been recognized as one of the World's Most Ethical Companies® by the Ethisphere® Institute. This is an acknowledgment of our ethical culture that makes us an employer of choice and responsible player in the eyes of our clients, shareholders, and the wider community.

- Diamond Partner with Oracle

Gold Partner with Microsoft

- Microsoft's 2025 UK Global System Integrator (GSI) Partner of the Year
- Advanced Specialisation Status for AI and ML on Azure
- Databricks EMEA Partner of the Year 2024
- Google Cloud 2024 Global Industry Solution Partner of the Year award (Services) for Generative AI
- Global Platinum Partner with SAP
- Global Strategic Partner with SAS
- Global Partner with IBM and QlikView
- Data / BI /AI Practice well recognised by industry analysts
 - positioned as a Leader for the third year in a row, in Gartner's Magic Quadrant for Data and Analytics Service Providers, Worldwide
 - named a Leader in IDC's MarketScape Worldwide Business Analytics Consulting and Systems Integration Services 2020 Vendor Assessment
 - positioned as a Leader in Everest Group's PEAK Matrix assessment for Data & Analytics (D&A)
 - identified as a Leader in Nelson Hall's NEAT vendor evaluation for GDPR Services in the overall market segment.

10 Sub-contractors

Capgemini UK may use the following subcontractors to deliver this service:

- Capgemini Technology Services India Limited.

11 Business Continuity and Disaster Recovery

No disaster recovery plan is provided as part of these Services.

12 Pricing

This service is priced in accordance with the SFIA Rate Card attached. Capgemini can also provide offshore resources at reduced rates where appropriate. Projects can be priced either on a Time & Materials or Fixed Price basis.



13 Ordering and Invoicing

Please refer to the Supplier Terms for this service.

We would be pleased to arrange a call or meeting to discuss your requirements of our service in more detail.

14 Termination Terms

Please refer to the Supplier Terms for this service.

15 Further Information

For more information about this or any of our G-Cloud services, please contact our Public Sector Team.

Phone: 0370 904 4858

Email: publicsector.opps.uk@capgemini.com including the following information:

1. The name of this service.
2. The name of your organisation.
3. Your name and contact details.
4. A brief description of your business situation.
5. Your preferred timescales for starting the work.

About Capgemini

Capgemini is a global business and technology transformation partner, helping organizations to accelerate their dual transition to a digital and sustainable world, while creating tangible impact for enterprises and society. It is a responsible and diverse group of 340,000 team members in more than 50 countries. With its strong over 55-year heritage, Capgemini is trusted by its clients to unlock the value of technology to address the entire breadth of their business needs. It delivers end-to-end services and solutions leveraging strengths from strategy and design to engineering, all fueled by its market leading capabilities in AI, generative AI, cloud and data, combined with its deep industry expertise and partner ecosystem. The Group reported 2024 global revenues of €22.1 billion.

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