

AI Driven Data Platform Delivery G-Cloud 15





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1 Service Overview

Capgemini is one of the world's most ethical companies as recognised by the Ethisphere Institute. They have been recognised for living their values and making ethical business decisions every day making them a trusted responsible partner that not only delivers on performance but also demonstrates good ethical practices. Through Capgemini's G-Cloud's offerings you can expect a service that delivers value and impact whilst still aligning to strong ethics and principles.

Capgemini is a recognised leader in providing tailored cutting-edge AI Services to drive efficiency, cost optimisation and innovation within organisations. The AI driven data platform delivery service utilises Agentic and Generative AI enabling your organisation to achieve goals and improved decision making with minimal human intervention. This allows you to no longer need to spend time on repetitive processes and complex workflows and spend more time on strategic operations and citizen outcomes. Leveraging Generative AI and Agentic AI, Capgemini can automate and accelerate the entire lifecycle, reducing time-to-value and operational complexity. This service transforms traditional delivery models by embedding AI-driven automation and intelligence into every stage of the delivery. The following benefits of the service are detailed below:

Strategic:

- **AI Enabled Migration & Modernisation for Operational Efficiency:** Through the automation of content assessment, code conversion, pipeline design, orchestration and testing using Generative AI. Agentic AI accelerators significantly reduce the need for manual effort leading to a production ready platform that is delivered in record time.
- **Aligned to Public Sector Priorities:** Enables GDPR compliance, operational resilience, and workforce upskilling.

Technology:

- **Autonomous Data Engineering:** Agentic AI agents are designed and created to proactively manage data pipelines, enforce governance, detect anomalies and self-heal issues ensuring resilience and compliance without human intervention.
- **Cloud-Native Foundations:** Platform-as-Code deployed across AWS, [Microsoft Azure](#), [Google Cloud Platform \(GCP\)](#) / [Google Distributed Cloud \(GDC\)](#), Databricks, Snowflake, [Oracle](#), [SAP](#), [Quantexa](#) and Palantir, with integrated DevSecOps, DataOps, and MLOps/LLMOps for secure, scalable operations.
- **Global Expertise:** Capgemini brings proven frameworks and strategic partnerships with hyperscalers such as AWS, Microsoft Azure, Google Cloud Platform, Databricks and Snowflake to help organisations achieve cloud transformation with AI that scales, is secure, responsible, and cost-effective.

Proven Accelerators:

We leverage a number of results driven accelerators to accelerate delivery and provide a solution that is tailored to your organisation's needs. They allow you to make use of the latest AI and engineering technologies with security and responsible AI assurance. These accelerators allow you to work smarter not harder, boosting engagement, reducing attrition and improving service delivery. Capgemini's Research Institute reported 90% of public sector organisations are planning to explore, pilot or implement agentic AI within the next 2-3 years. Through leveraging the proven accelerators from Capgemini you will be able to accelerate your journey to efficiency and modernisation.

- **AI Factory Integration :** Capgemini's Industrialised delivery model for AI and data products, leveraging Capgemini's IDEA and RAISE accelerators using reusable templates to enable rapid onboarding and continuous innovation.



- **RAISE (Reliable AI Solution Engineering)** : Capgemini's accelerator for responsible and scalable AI adoption, designed to help organisations deploy Generative AI and Agentic AI securely and cost-effectively. It combines trust frameworks, governance, and guardrails with hyperscaler partnerships to ensure ethical AI integration. RAISE focuses on value-driven use cases, enabling organisations to scale AI confidently while maintaining transparency, fairness, and compliance. It also leverages cost optimisation strategies and modular scaling to deliver AI at enterprise scale.
- **IDEA (Industrialized Data & AI Engineering Acceleration)** : Capgemini's framework for modernising and industrialising data estates at speed and scale. It provides production-ready modules for data ingestion, migration, governance, and AI enablement, all built on Platform-as-Code principles and a secure, cloud-native architecture. IDEA accelerates transformation ensuring trusted data foundations, compliance, and flexibility to support multi-cloud environments.

Governance:

- **Governance & Trust by Design:** Guardrails are embedded for regulatory compliance such as GDPR. Explainability, transparency and accountability in AI-driven automation are integral to the design and implementation.
- **AI Ethics:** Capgemini provide dedicated focus on fairness, bias mitigation, and responsible AI practices ensuring ethical principles and guardrails are applied throughout the lifecycle of AI solutions.

2 Business Need

Organisations are under pressure to modernise data platforms quickly and securely to support cloud transformation, advanced analytics and AI-driven services to improve citizen outcomes. Traditional delivery models can be slow, resource-intensive and error-prone relying heavily on manual engineering for migration, pipeline design and operational day to day support and management.

Key challenges include:

- Complex legacy migrations often require deep technical expertise and long delivery timelines.
- Limited AI readiness preventing the adoption of Generative AI and Agentic AI autonomous operations.
- High operational costs and mean time to resolution due to reactive support models.
- A need to manage costs and to keep them under control.
- Compliance and governance risks in highly regulated environments with the need for rapid deployment.
- Ethical concerns like bias and transparency slow the adoption of AI
- A demand for faster time-to-value to meet citizen expectations and policy goals.

AI driven acceleration and intelligent automation would allow you to:

- Reduce manual effort for implementation and maintenance with a significant reduction in delivery project timelines.
- Spend less time on fixing failures and errors by enabling self-healing autonomous operations for a more resilient data platform.
- Embed trust, compliance and ethical AI guardrails by design.
- Support scalable cloud-native architectures that will meet your current and future needs.
- Unlock innovation and cost efficiency through proven industrialised delivery models.



3 Our Approach

Capgemini's approach to the AI Driven Data Platform service is designed to fast-track data estate modernisation by embedding AI and Agentic AI capabilities into every stage of the transformation. Capgemini combine cloud-native engineering, with their own AI Factory accelerator and multi-agent orchestration to deliver trusted, scalable and autonomous data platforms. This enables advanced analytics and AI to be provisioned and made accessible at speed with embedded trust and ethical guardrails.

Capgemini's methodology is a business-outcome-led phased approach and is underpinned by four design principles: Intelligent Cognition, Agentic Processes, Augmented Workforce and AI Excellence. The narrative below provides more insight into each stage:

1. Discovery & Vision

- Capgemini's Rapid Maturity Assessment is completed and an understanding of the customer's current data estate, business priorities and compliance requirements is obtained.
- AI-driven discovery frameworks and Generative AI & Agentic AI powered content assessment tools are used to automate documentation and mapping, reducing manual effort by up to 80%.
- An executive summary, capability heatmap and actionable roadmap are created.

2. Strategy & Design

- The target architecture, operating model and modernization strategy for AI-ready data platforms is created.
- Capgemini's AI Factory principles for industrialized delivery and governance are fundamental to the design of the solution:
 - Strategy & Value Steering: Enables a clear roadmap and benefit tracking.
 - Operating Model: Enable Governed processes for build and run.
 - Skills & Capabilities: Enables DataOps, MLOps, prompt and agent engineering.
 - Change & Adoption: Enables proactive enablement and workforce transformation.
 - Data & AI Foundation: Enables a secure platform with AI Trust guardrails
- Best practice reference architectures for AWS, [Microsoft Azure](#), [Google Cloud Platform \(GCP\)](#) / [Google Distributed Cloud \(GDC\)](#), Databricks, Snowflake, [Oracle](#), [SAP](#), [Quantexa](#) and Palantir are leveraged to the design.
- Capgemini's IDEA and RAISE platform for GenAI & Agentic AI orchestration, guardrails, and reusable templates are integrated into the solution.

3. Accelerated Execution

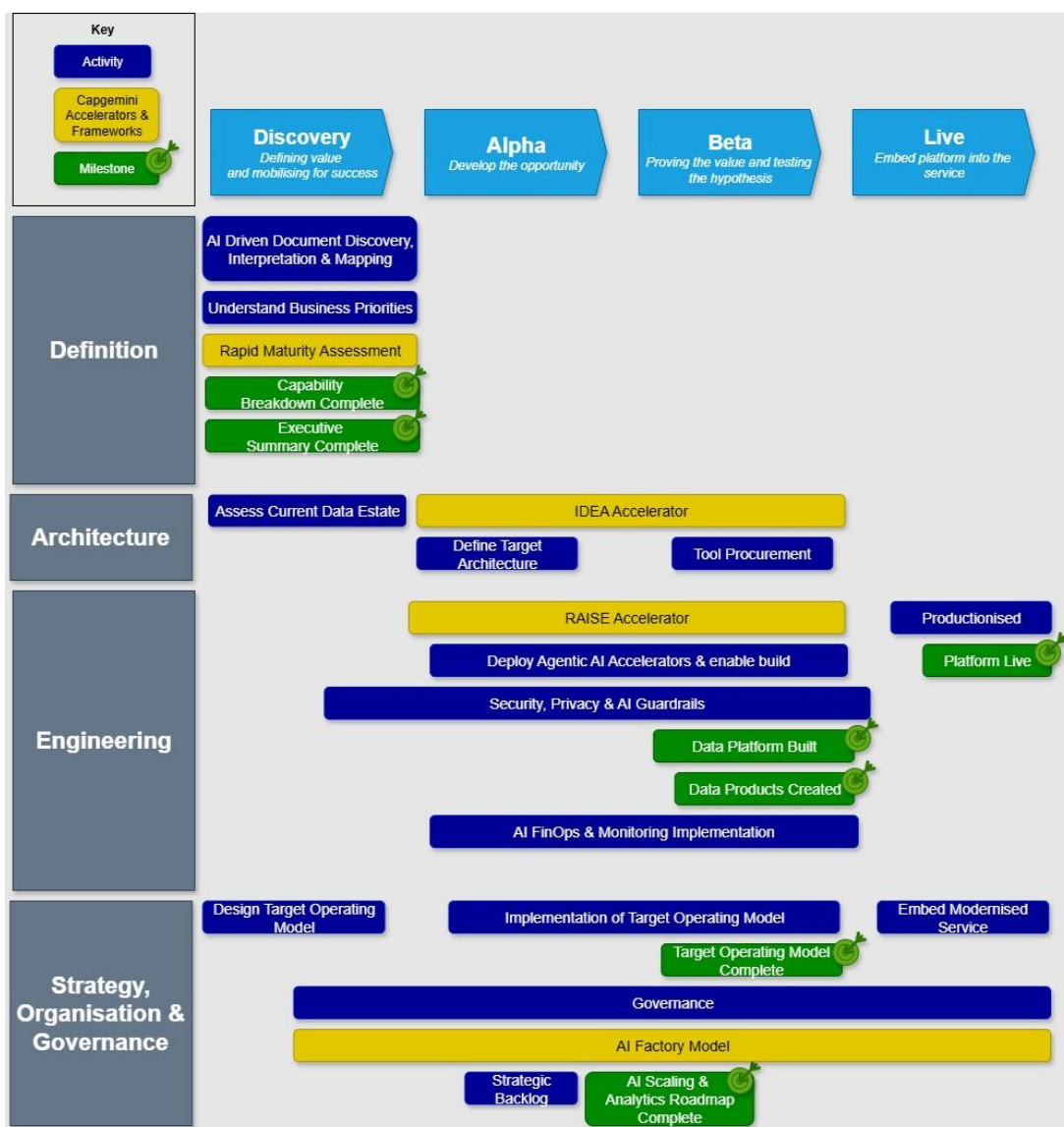
- A modern data platform using Platform-as-Code, DataOps/DevOps automation, and cloud-native best practices.
- AI & Agentic AI deployed accelerators for requirement validation, design optimization, code standardization, testing orchestration, auto-remediation, automated content assessment, self-healing data pipelines and autonomous data platform support are used.
- Trusted data foundations, reusable data products, and self-service analytics is an outcome from the service.
- Compliance by design (GDPR, data sovereignty, security controls) is embedded into the implementation.



4. Scale & Industrialize

- The service provides a transition to AI accelerated Data Platform delivery.
- An AI Factory Model to enable Scalable AI Delivery for sustainable AI adoption at scale. Capgemini's AI Factory model is applied to industrialize and scale AI adoption by combining strategy and value steering, a governed operating model, cross-functional skills and capabilities, structured change management and a secure Data & AI foundation with trust guardrails enabling repeatable acceleration, compliance by design, and faster time-to-value.
- It enables self-service AI capabilities and multi-agent orchestration for autonomous data platform engineering.
- Continuously optimises cost and performance through AI FinOps and monitoring dashboards.
- Drives change management and upskilling to embed AI into enterprise workflows.

An illustrative example of how we can deliver this in your organisation:



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



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.
- Buyer should ensure stakeholder engagement for business and IT teams during discovery, design and implementation phases.

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

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 Partnerships/Alliances

Capgemini delivers Data Estate Modernisation in close collaboration with leading cloud and data platform providers such as AWS, Microsoft, Google, Databricks, Snowflake and Palantir. Our partner ecosystem accelerates delivery, reduces risk and unlocks co-funding and co-innovation opportunities for the Buyer. These alliances allow Capgemini to deliver cloud-first, data-driven and AI-enabled solutions that help clients achieve resilience, efficiency and growth in a rapidly evolving digital landscape.

10 Vendor Accreditations/Awards



For the 13th year in a row, Capgemini has been recognised as one of the World's Most Ethical Companies® by the Ethisphere® Institute. This is an acknowledgement 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.

11 Sub-contractors

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

Capgemini Technology Services India Limited.

12 Business Continuity and Disaster Recovery

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

13 Pricing

This service is priced in accordance with the 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.

14 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.

15 Termination Terms

Please refer to the Supplier Terms for this service.



16 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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