

Oracle Analytics Debt Reduction G-Cloud 15





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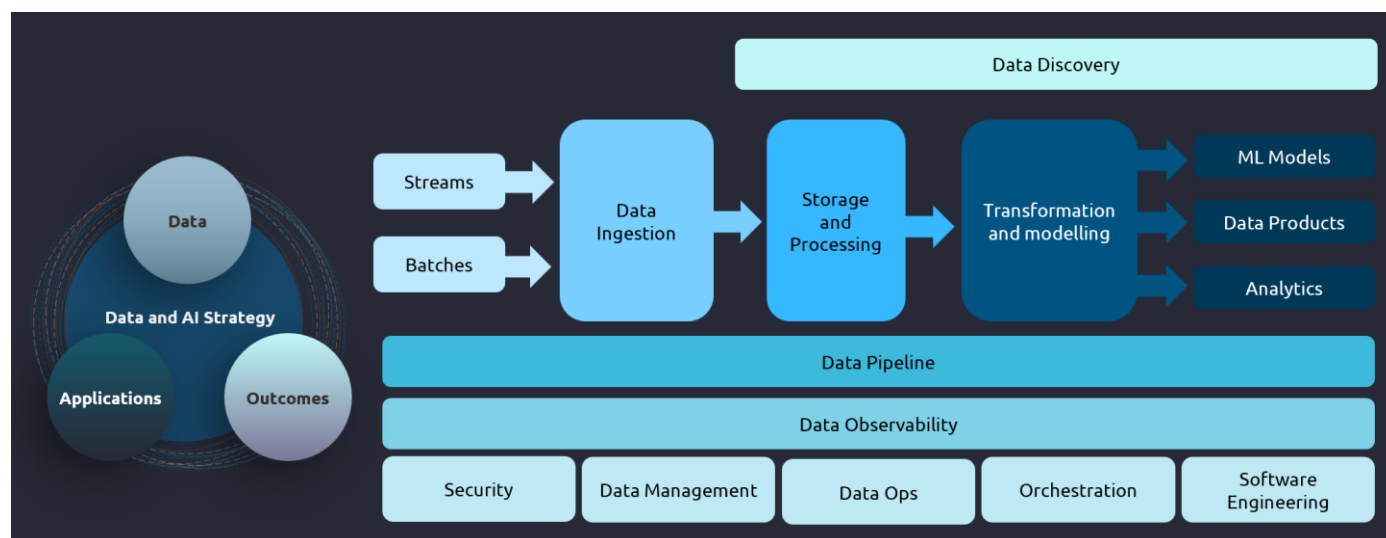


1 Service Overview

This service is designed to facilitate analytics technology debt reduction to offer a comprehensive suite of solutions tailored to the specific needs and challenges of your business. Firstly, we conduct a thorough assessment of your existing analytics ecosystem, identifying areas of inefficiency, redundancy, and technical obsolescence. This assessment encompasses an evaluation of data sources, infrastructure components, data pipelines, analytics tools, and integration points to gain a holistic understanding of your analytics technology landscape. Based on this assessment, we devise a customized roadmap outlining a series of strategic initiatives to reduce technical debt and optimize the analytics infrastructure for enhanced performance and scalability, driving a data informed business.

One of the key components of our service is the modernisation of your analytics infrastructure by migrating to cloud-based platforms; such platforms allow you to adopt scalable data storage solutions, enable AI innovation and implement advanced analytics tools capable of handling large volumes of data in real-time. This modernisation effort focuses on streamlining data ingestion, processing, and analysis workflows to improve agility, reduce latency, and enhance the overall responsiveness of the analytics environment.

Additionally, the service prioritises initiatives aimed at standardising data governance practices, implementing data quality assurance mechanisms, and establishing robust data security protocols to ensure the integrity, reliability, and confidentiality of your data assets. Through a combination of strategic planning, technical expertise, and industry best practices, the service enables you to systematically address and mitigate analytics technology debt, unlocking the full potential of your data assets and empowering data-informed decision-making across the enterprise.



The diagram illustrates the alignment of the Data and AI strategy to the analytics pipeline, as well as the underpinning areas such as Security and Software engineering.

An example of reducing the technology debt is migrating from Oracle OBIEE to Oracle Analytics; this presents a multitude of benefits for organisations seeking to modernize their analytics infrastructure. Firstly, Oracle Analytics offers a more intuitive and user-friendly interface, enabling business users to easily create and visualise complex analytical insights without requiring extensive technical expertise. Additionally, Oracle Analytics provides enhanced self-service capabilities, empowering users to access, analyse, and enrich data from multiple sources in real-time, thereby accelerating the decision-making process and fostering a culture of data-informed decision-making across the organisation.

Oracle Analytics leverages advanced machine learning algorithms and predictive analytics capabilities to uncover valuable insights and trends hidden within the data, enabling organisations to gain a competitive edge by identifying new opportunities and mitigating risks proactively. Oracle's cloud-based Data & Analytics solutions offer greater scalability, flexibility, and cost-effectiveness compared to on-premises solutions, whilst ensuring seamless integration with other Oracle cloud services for enhanced interoperability and functionality.



2 Business Need

In today's rapidly evolving business landscape, analytics technology has become the cornerstone for data-informed decision-making. However, as companies continuously adopt new analytics tools and technologies to stay ahead of the competition, they often accumulate what is known as "analytics technology debt." This debt arises from various factors such as outdated infrastructure, disparate data sources, inefficient data pipelines, and legacy systems that are not easily integrated with modern analytics platforms. Over time, this accumulation of technical inefficiencies can severely hinder an organisation's ability to derive meaningful insights from their data in a timely and cost-effective manner, leading to missed opportunities and increased operational risks.

Reducing analytics technology debt has emerged as a critical business need for organisations aiming to maintain their competitive edge in the data-informed era. By investing in initiatives focused on consolidating data sources, modernising infrastructure, optimising data workflows, and retiring outdated systems, businesses can unlock significant value from their data assets. Not only does reducing analytics technology debt enhance the agility and scalability of analytics operations, it also enables organizations to extract actionable insights faster, make more informed strategic decisions, and drive innovation across multiple business functions. Moreover, by mitigating technical debt companies can reduce maintenance costs, improve data quality and reliability, and enhance overall operational efficiency, thereby positioning themselves for sustainable growth and success in an increasingly data-centric business environment.

This transition equips organizations with the agility, scalability, and advanced analytics capabilities necessary to drive innovation, make informed decisions, and stay competitive in the digital age.

- With features like machine learning, real-time data processing, and predictive analytics, the modern data platform empowers organisations to derive deeper insights and make more informed decisions, fulfilling the typical business need for advanced analytics capabilities to drive innovation and competitive advantage.
- Oracle's modern data platform provides unified data integration capabilities, enabling organisations to integrate data from diverse sources seamlessly. This addresses the need for streamlined data management processes and ensures a comprehensive view of data for better decision-making.
- Because it runs on Oracle Cloud, the modern data platform offers cost-efficiency through the reduction of hardware and maintenance costs. This aligns with the typical business need for cost savings and operational efficiency.
- Oracle's modern data platform enables organisations to quickly adapt to changing business needs and market dynamics. Its cloud-native architecture facilitates rapid deployment and scalability, addressing the typical business need for agility and adaptability in today's fast-paced business environment.

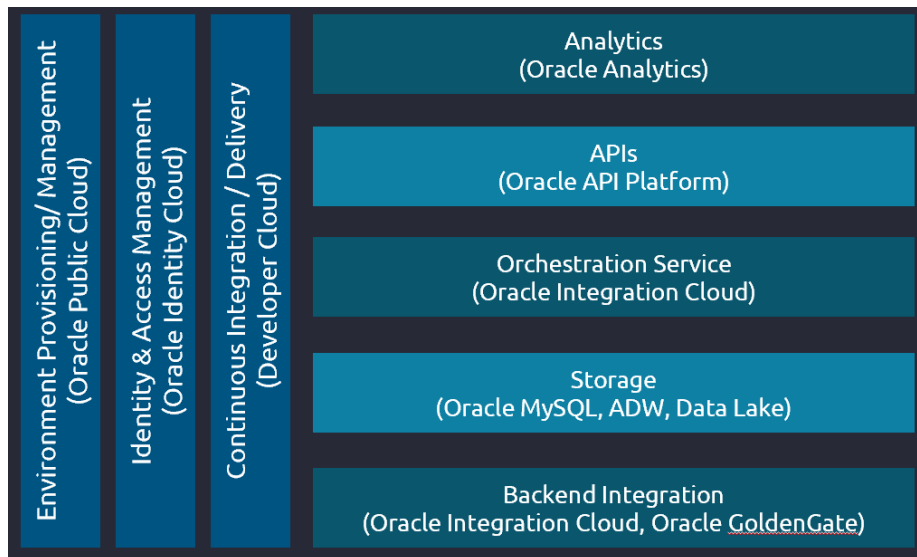


This diagram depicts some of the key causes of Analytics Technical debt as we consider the Data and AI strategy of the business.



3 Our Approach

Capgemini has extensive experience with the Oracle Cloud Platform, UI Design and API-led architectures, plus the capability to develop and implement solutions tailored to the unique challenges of the particular project at hand. At the forefront of our approach is the ability to select a suite of Oracle Cloud Platform technologies that can deliver the specific requirements of the Buyer whilst efficiently integrating with core data sets.



This diagram illustrates the high level, numerous layers of analytics and the underlying aspects such as security, environment management.

The above example approach is built following a modern architecture, leveraging the following leading-edge Oracle Cloud capabilities:

- Oracle Analytics – To deliver dashboards, self-service analytics and Machine Learning models through one interface.
- Oracle API Platform – To adopt an API-design-first approach with Apiary, to secure and manage APIs throughout their full lifecycle and to enable Single Sign On (SSO) by adopting the OAuth2.0 framework.
- Oracle Integration Cloud – To deliver complex integrations.
- Oracle MySQL (Heatwave) Cloud Service/ Oracle Autonomous Database – Storage that meets the business need, either RDMS or other workloads. Both services have Machine Learning built into the database, enabling extensive analytics next to the data.
- Oracle Identity & Access Management – To handle federation and to provide OAuth2.0 capabilities.

Capgemini can help the Buyer to improve and realise the potential of their Oracle Applications through Capgemini Cloud Delivery Method (CCDM), Capgemini's accelerated methodology for implementing Oracle Applications in the Cloud. Using CCDM, we help you deploy your Oracle applications in the cloud in the way you want and help realign your strategy as your business requirements evolve.

Implementation Features

The project approach focuses on 5 key areas:

1. Business Process and Use Case Driven, with a heavy use of visualisation for gathering & modelling requirements.
2. Accelerated Workshops as the standard, rather than an option.
3. Architecture Centric to support a cross-service line set of common teams and activities.
4. An understanding of risk, using CCDM's techniques, guidance, and templates.



5. Flexible & Scalable across a range of Oracle technologies.

CCDM provides a reference to deliver 7 key phases of our delivery approach, as follows:

- **Initiation Phase** – Gather the Buyer's specific requirements to tailor the solution to the business needs. This includes the updating and sharing of conceptual and physical architecture. At Capgemini, we know that one solution does not fit all, however, our team of experts will work with the Buyer team to identify the most suitable technologies that fit into their existing architectural landscape and supports both their current requirements and future visions for their business.
- **Provisioning Phase** – Provision PaaS/SaaS/IaaS components required to make up the analytics platform solution.
- **Design Phase** – Incorporate any Data and AI strategy components into the Analytics platform. Identify security aspects as well as delivery points for the analytics.
- **Build Phase** – Build or change existing components as per the need of the business and as agreed during the initiation phase.
- **Deployment Phase** – Release and deploy the appropriate data to the platform.
- **Test Phase** – User Acceptance Test, performance, and production readiness testing.
- **Go-Live:** Go-live and after care period.

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.

As a minimum, the Buyer responsibilities as part of this service are as follows:

- Partaking in requirement workshops and the accurate presentation of existing and future data strategy.
- Provision of a data analytics team to assist with business domain analytics.
- Maintain relationships with any relevant third parties.
- Involvement in testing and sign-off of the analytics platform.
- Provision a service desk function.
- Defining, in collaboration with Capgemini, any Buyer specific configuration and data required.
- Assessment of activities required to integrate a new solution into the Buyer's existing business processes and systems, including the planning and testing of the migration.
- The control and management of access and responsibilities for end-users.
- Agreeing, in collaboration with Capgemini, appropriate infrastructure solutions for the applications based on Buyer security requirements.
- Buyer shall perform its obligations which are set out in the clauses of the Agreement and the Paragraphs of the Schedules.
- Buyer shall comply with laws and regulations applicable to its business and be responsible for determining and directing the Supplier with respect to any processes and procedures applicable to its business which Supplier must follow.

The responsibilities listed above may vary because of the requirements of the solution. If these responsibilities do not match your expectations, then please contact us in order that we can explore options to vary our 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 Vendor Accreditations/Awards

Capgemini has been an Oracle Partner since 1997 and has held the highest partnership statuses for many years. We participate in the Sell, Service, and License & Hardware tracks of the Oracle Partner Network Program. Capgemini's global Oracle SaaS, PaaS and IaaS teams comprise of over 11,500 Oracle professionals and enable Capgemini to service clients across geographies and Oracle solution sets. Capgemini's UK SaaS, PaaS and IaaS teams have been developing and delivering Oracle solutions for over 25 years with deep experience in Public Sector. Capgemini UK Oracle experts collaborate with our colleagues across the world to develop and share best practice in the relentless pursuit of excellence for our customers. Our approach has been recognised globally in the last few years with numerous awards and analyst recognition, including:

- 2023: Oracle EMEA Business Impact Partner of the year for Cloud Technology
- 2022: Real IT Award for Cloud ERP
- 2020: OCI Partner of the Year Award
- 2019: UKOUG Industry Partner of the Year Award – Bronze
- 2019: UKOUG Middleware Partner of the Year Award – Bronze
- 2019: Oracle PaaS Forum; Best PaaS Contribution

Capgemini holds four published OPN Expertise in Western Europe region demonstrating our expertise in delivering Oracle Cloud Infrastructure solutions -



- Oracle Cloud Platform Integration
- Oracle Cloud Platform Business Analytics
- Oracle Cloud Platform Application Development
- Oracle Cloud Platform Security



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.



IDC has positioned Capgemini as a "Leader" in their IDC MarketScape: Worldwide Supply Chain Oracle Ecosystem Services 2023 Vendor Assessment



Everest Group has positioned Capgemini as a "Major Contender" in its report Oracle Cloud Applications Services PEAK Matrix® Assessment 2023, and "Leader and Star Performer" in its report Application Automation Services PEAK Matrix® Assessment 2023



Capgemini is a Leader in Avasant's Oracle Cloud ERP Services 2023–2024 RadarView™.

ISG has positioned Capgemini as "Leaders" in all the regions and categories in its report Next-Gen ADM Services - 2023

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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