



Evidence-Backed Cloud Data & Analytics

A KPMG Service for G-Cloud 15



KPMG About us

KPMG is one of the largest AI Platforms & Cloud Engineering Advisory and Implementation providers in the UK. We bring end-to-end services across the entire cloud life-cycle from Strategy and Planning, to Architecture and Build, through to running Secure cloud-native applications. This is enabled by our diverse, industry-leading and multi-disciplined experts.

 AI Platforms & Cloud Engineering in its 10th year	 1000+ AI Platforms & Cloud Engineering Team (670+ Engineers & Architects, 500+ Advisory & Delivery consultants)	 2000+ AI & Cloud certifications in Azure, Google, AWS	 £30M + AI Platforms & Cloud Engineering spend supported annually	 600+ AI Platforms & Cloud Engineering projects completed	 50%+ Focused on highly regulated industries
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AI Platforms & Cloud Engineering Practice

- Deep domain experience across a wide range of Cloud providers and technologies
- Leading and award-winning scaled engineering capability
- Long established consulting approach and methodologies

Our Principles

- Industrialised approach reusing assets and accelerators
- Automate everything
- Deliver value for money
- Pride ourselves on high quality outcome deliverables

How we Operate

- Sprint based projects for fast iterative results
- Delivering with our clients using outcome focused multi-disciplinary teams
- Strong, established network to ensure partnering excellence

Our Core Propositions

Besides the core propositions we deliver **240+** services mentioned in our Service Catalogue

Operational Excellence 	AI Powered Modern Platform 	Modern Engineering 	Value & Sustainability 	AI Powered Application Modernisation 
• Cloud CoE & Target Operating Model • Cloud Programme Risk and Assessment • Cloud Maturity Assessment	• Cloud Design, Build, Migrate & Transform • Cloud Risk Controls & Cyber • Cloud Security Architecture	• DevOps & DevSecOps • Secure SDLC • Site Reliability Engineering (SRE)	• ESG • Sustainable Technology • Cloud Cost Management & Financial Optimisation (FinOps)	• Gen AI • Cloud Data & Analytics • Logging and Monitoring

Across our many delivery centres, we work with clients of all industries, specialising in complex, high risk or regulated sectors.



Combining our expertise with our alliance tech solutions, we harness the power of smart technologies. Together, we solve your most complex business issues to create sustainable success.



Cloud Data & Analytics



Service Description:

KPMG's Cloud evidence backed, data and analytics practice is helping clients to modernise their data estates. It is driven by the principles of helping the clients to migrate their data to cloud, Establishing data governance, utilise AI tooling while reducing the business risk. This practice identifies the key offerings which are necessary to execute a modern data ecosystem supported by the right technology enablers to power consistent data outcomes. At KPMG, we engage in both short-term tactical engagements to test the hypothesis around Data/AI by creating PoCs, as well as long term strategic data transformation projects to help organisations become data driven



Service Categories

- Data & Cloud readiness assessment & discovery
- Data governance & security
- Data AI, Analytics and Visualisation
- Data transformation, processing & automation
- Data warehouse data lake migration & pipelines
- Data platform design & Architecture



What are the benefits of KPMG Powered IT service?

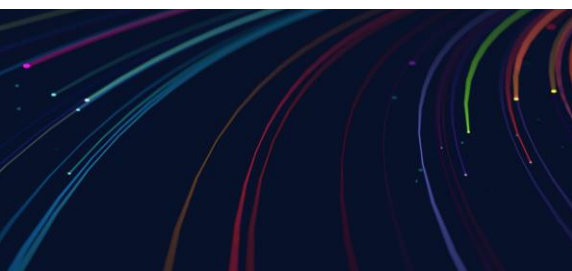
- **Faster Time to Market:**
Quickly adapt to data-driven business models
- **Automated Data Discovery:**
~30-40% efforts saving in database discovery
- **Risk-Free Data Migration:**
~2X improved accuracy in identifying migration risks
- **Cheaper access to modern AI/Data tooling** through our market-leading alliances
- **Accelerated transformation** through our industry-leading technologies
- **Increased trust in data** through establishing an enterprise data model, ensuring integrity and customer 360° view
- **Increased business process automation** through data interoperability, integration and straight through processing
- **Democratising insights** throughout organisations by connecting new data sources and visualisation dashboards



Our Service Features

The features of our cloud Data and Analytics framework includes:

- **Data Strategy & Architecture:**
To create strategy and architecture based on current state analysis and desired state design
- **Data Migration:** KPMG's Powered Data Services capability specialises in data migration to cloud
- **Data Governance:** Leverages Data Quality and Data Governance Frameworks to provide comprehensive oversight and compliance
- **Data Operating model:** Creates a data operating model to execute and sustain Data Transformation and culture
- **Data Quality Management:** Helps clients in creation of DQ rules, Implementation of DQ rules, DQ monitoring and remediations
- **Data Visualisation:** Create interactive dashboards with detailed operational and analytical capabilities



Our Approach

KPMG proposes a well-defined approach that will assist in delivering a tailored Data solution. Using our global framework, industry experience and methodologies we will utilise AI by accelerating your journey to cloud, foster adoption with a revised operating model and create a resilient architecture with business case.



Requirements

- Workshops and Subject Matter Expert (SME) engagement
- Clear understanding of data security, Data Patterns, Data Governance
- Inputs on the categorisation of data and set of clearly defined controls to be applied
- Inputs about the data access related policies for the organisational data
- Inputs about policy and standards that are required to meet the internal and external obligations
- Inputs on definitions of data risk and defining accountabilities across data management, information security, technology, risk management and compliance functions
- Inputs about the data use cases based on the different personas, business objectives, service lines etc



Activities

Our Data and Analytics approach is driven by the strategic approach for innovative use, accessibility, governance, operations and value delivery of data in a modern cloud architecture through people, technology and process transformation.

Assessment & Roadmap

- Specify the data requirements to support the business objectives such as the data sources, business and technical metadata, data formats, transformation requirements, data quality needs, and common use cases and create a roadmap for the delivery.

Adopt & Implement

- Adopt and Implement the data modernisation plan by developing the data pipelines, ingesting the source data, joining data, performing the transformations, applying obfuscation, and creating data quality validation. Ensure the data product works as expected and migrate it to the production environment.

Scale & Optimise

- Generate the actionable insights from your data in Realtime with auto updates and refresh.
- Also, Create a cycle of continuous improvements of data quality and innovation. Innovate and identify use cases to implement GenAI and other AI solutions on a modernised data platform.



Outcomes

- Validated data/AI concepts providing new insights
- More robust data management to protect from unauthorised access, exposure theft or damage
- Augmented Data management enhancing high quality results for accurate and complete data analytics
- Data observability & metadata management
- Trustworthy reporting and analytic models that deliver tangible value across core business processes
- Consistent, scalable and secure platform(s) to manage data and deliver insights
- Democratised access to analytics and insights throughout the organisation
- Automation of repetitive business processes using straight through processing and data standards



High-Level Timelines

Our indicative timeline is based on our experience of delivering similar engagements for multiple organisations. We do both short-term engagements as well as long term data transformation projects. Short term engagements are focused on creating PoCs to validate the Data/AI/ML hypothesis ranging between 8-12 weeks. While long term data transformations are focused on the data transformation at the organisational level in multiple phases. The timelines for different phases:

- Assessment & Roadmap : 4-6 months
- Data proofs of value: 3-4 months
- Adopt and Implement-6- 8 months.
- Scale and Optimise: 3-5 months

Why KPMG



Top Professional Brand

KPMG has a strong brand and excellent reputation. We are focused on customer needs and have a pragmatic approach for the design and delivery of our Projects. Our team has a proven track record of delivering similar engagements and an intimate knowledge of challenges faced by our clients.



Constructive Input and Challenge

We consider it to be our responsibility to bring an independent perspective and constructively challenge existing processes and systems. We will highlight and share with you both internal and external leading practices.



We Employ a Collaborative and Integrated Team Approach

We deliver a full suite of evidence-backed recommendations in collaboration with KPMG sector and technical experts in all parts of our business around the globe. By working in multi-disciplinary teams, we can deliver holistic thinking and insights for even the most complex challenges.



We Have Strong Relevant Recent Credentials

We have worked across multiple industries and will bring insights from other sectors to challenge your thinking. We have vast Cloud and DevOps expertise within our technology practice in the UK region alone, who cover everything from hosting strategies to building landing zones. We produce agile, resilient and efficient IT functions that support the wider enterprise.

Our Team, Stories and Solutions

Business Outcomes Powered by Cloud

Our Solutions

Cutting-edge technology, business focused solutions

Our Stories

Discover the impact we've made in the Cloud industry

Our Insights

What are the big issues at the top of your business agenda? Read our latest thinking and research to stay on top of change.

AI and Machine Learning

Thought-leadership, expert analysis, and guidance on all things AI.

AI and Machine Learning

Technology and innovation

Trusted insights and actionable advice on emerging technologies.

Technology and Innovation



The CEO Guide to AI Value



Agentic AI: the what, the why and the how

And many more....

KPMG Industry Analyst Recognition

Industry analysts recognition and accolades - KPMG Global



2022 Partner of the Year Winner
Dynamics 365 Finance Award
2022 Partner of the Year Finalist
Global SI & Advisory Digital Transformation Award
Advisory Services Award

Microsoft Partner of the Year for 2023
Microsoft Prestige Award for Supplier of the Year



KPMG named a **Global Leader** in Verdantix Green Quadrant: **ESG and Sustainability Consulting 2024**



Global Partner of the Year 2024
Google Cloud DE&I Partner 2024



2x Guinness World Records for DevOps and Cloud Upskilling

DevOps upskilling in KPMG and the community



2020, 2021, 2022

Highly Commended / **DevOps Leader of the Year 2023**



The Forrester Wave™: Cybersecurity Consulting Services in Europe, Q1 2024





Contact Us



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