



Data Modeling & Database Optimisation

G Cloud 15 - LOT2B

1. Insight

Insight leads the delivery of transformative solutions, supported by a powerful ecosystem of over 6,000 global partners including Microsoft, AWS, and Cisco.

As a Fortune 500 company with a long-standing history of delivering trusted services to the UK Public Sector, we combine our own deep expertise in consulting, advisory, and transformation with partner innovation to create holistic solutions across cloud, data, modern workplace, cybersecurity, and application services.

Guided by proven methodologies and ESG principles, we work collaboratively to design and implement tailored strategies that drive measurable business impact while promoting sustainability and governance excellence.

2. Insight for the Public Sector

Your End-to-End Digital Transformation Partner

As a leading Solutions Integrator, Insight combines deep technical expertise with a vast partner ecosystem to help UK government organisations modernise, innovate, and deliver citizen-centric services. We hold places on over 85 public sector frameworks, offering a compliant, efficient route to digital transformation.

We don't just supply IT; we design, deploy, and manage the solutions that secure your data and unlock value.

Core Areas of Expertise

- **Innovation, Data & AI:** we deliver end-to-end data science and custom AI solutions. From modernising data platforms to deploying bespoke machine learning and spatial computing, we help you unlock the value of your data to drive operational efficiency.
- **Modern Infrastructure & Cloud:** Building scalable, hybrid foundations that reduce technical debt and support multi-cloud strategies.
- **Modern Workplace:** Empowering the public sector with secure, flexible tools to work from anywhere, attracting talent and improving productivity.
- **Cybersecurity:** Comprehensive managed security services, threat detection, identity protection, and compliance management to ensure your data remains sovereign and secure.
- **Modern Apps:** Agile application development creating meaningful and impactful tools that link to tangible benefits, improvements and cost savings.

Our Approach: Consulting, Lifecycle, & Managed Services

We deliver value at every stage of your technology journey, ensuring accountability from strategy to support:

- **Consulting (Architecting the Future):** We bridge internal skills gaps with data-driven strategy. From "Discover & Design" to full-scale migration planning, we ensure your investments solve real public sector challenges.
- **Lifecycle (Seamless Execution):** We take the risk out of procurement and deployment. Leveraging global buying power, we handle everything from supply chain management and imaging and implementation to sustainable asset disposal (ITAD).
- **Managed Services (Always-On Support):** Shift from "keeping the lights on" to innovation. We provide 24/7 infrastructure monitoring, cloud cost optimisation (FinOps), and security operations to ensure resilience.

3. Services

Service Name

Data Modeling & Database Optimisation

Service Description

Advanced data modeling and administration for organisations wanting reliable, scalable, and high-performance databases. Ideal for organisations modernising applications or optimising data-driven operations.

Features

- Comprehensive database architecture and schema design services
- Platform-agnostic logical and physical data modeling
- Gap analysis of current data structures and optimization planning
- Development of custom entity-relationship diagrams for clarity
- Performance tuning and normalization for scalable growth
- Integration guidance for analytics, BI, and cross-system compatibility
- Data governance policy design supporting compliance needs
- Documentation of data models for future-proof maintenance
- Collaboration with stakeholders to align data strategy with objectives
- Ongoing support for evolving database requirements and enhancements

Benefits

- Accelerates digital transformation with robust data foundations
- Reduces data-related risks by enforcing coherent governance
- Improves application speed and reliability via optimized models
- Enables faster reporting and analytics for better decision-making
- Enhances data consistency across integrated business systems
- Minimizes downtime through resilient database architectures
- Supports compliance with industry and regulatory mandates
- Scales seamlessly with business growth or new technology adoption
- Facilitates clear communication between technical and business teams
- Reduces total cost of ownership by preventing future inefficiencies

Constraints

Requires access to current database environments and key stakeholder engagement.

CONTACT US

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