



# **AI/LLM Model Audit & Optimisation Services**

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## **G-Cloud- 15 Service Definition**

# G-Cloud 15 Framework Service Definition

## AI/LLM Model Audit & Optimisation Services

### Service Description

Analytics Engines' AI/LLM Model Audit services provide comprehensive assessment and optimisation of artificial intelligence and large language model deployments. These services evaluate model performance, cost efficiency, and alignment with current best practices to ensure organisations are maximizing value from their AI investments while maintaining operational excellence.

### Service Features

- Model Performance Assessment and benchmarking against industry standards.
- Cost Efficiency Analysis evaluating compute resources, API usage, and operational expenses.
- Model Currency Review ensuring use of latest, most appropriate model versions.
- Model Drift Detection and monitoring strategies implementation.
- Prompt Engineering Evaluation assessing effectiveness and optimisation opportunities.
- Data Quality Assessment reviewing training and inference data integrity.
- Security & Compliance Audit evaluating data handling, privacy, and regulatory alignment.
- Architecture Review assessing model selection, deployment patterns, and infrastructure.
- Performance Optimisation recommendations for latency, throughput, and accuracy improvements.
- ROI Analysis measuring business value and identifying cost reduction opportunities.

### Service Benefits

- Cost Reduction: Identify opportunities to reduce AI operational expenses
- Performance Improvement: Enhance model accuracy, speed, and reliability through optimisation.
- Risk Mitigation: Detect model drift, bias, and compliance issues before they impact operations.
- Future-Proofing: Ensure your AI stack remains current with rapidly evolving technology.
- Informed Decision-Making: Evidence-based recommendations for model upgrades and changes.
- Vendor Independence: Objective assessment across multiple AI providers and platforms.

- Best Practices Alignment: Ensure deployment follows industry standards and GDS guidelines.
- Resource Optimization: Right-size infrastructure and eliminate wasteful spending.
- Strategic Clarity: Clear roadmap for AI/LLM improvement and evolution.

# Our Mission

To enable forward-thinking organisations to **unlock value** through Data & AI.



Analytics Engines offer end-to-end guidance, consultation and support in response to your **data challenge**.



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