



Data Science Services

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G-Cloud- 15 Service Definition

Artificial Intelligence (AI) and Data Science Services

Modern AI Adoption and Support

Analytics Engines provides cloud-deployed advanced AI and data science solutions managed as a service. Our comprehensive offerings encompass predictive/prescriptive analytics, cutting-edge generative artificial intelligence (GenAI) including large language models (LLMs), simulation, whole system modeling, cognitive analytics, and machine learning. Additionally, we specialise in data mining and modeling, as well as network and intelligence analysis, alongside Internet of Things (IoT) applications.

Service Features

- Cloud-based predictive modelling for forecasting, classification, anomaly detection with Python.
- Development of deep learning, AI, cognitive, and machine learning algorithms.
- Advanced analytics leveraging SQL, PostgreSQL, and graph technologies.
- Conduct exploratory data analysis (EDA) to identify patterns, trends, correlations.
- Strategic assessment, development, and implementation of advanced analytics strategies.
- Real-time analytics capabilities for IoT and streaming data (TimescaleDB).
- Deployment on public and private cloud (AWS, Azure & Google).
- Implementation of image generation using GenAI
- Leveraging enterprise data through fine-tuning of Private LLMs.
- Utilising LLMs/platforms such as Azure, OpenAI, Google, and AWS Bedrock.

Service Benefits

- Enable and operationalise insights for more precise decision-making.
- Accelerate analytical processes for real-time decision support.
- Reduce data wrangling time while increasing time for data analysis.
- Streamline data manipulation processes, leading to quicker time to value.
- Harness open and streaming data through advanced data science techniques.
- Unlock valuable insights from your organisation's IoT data.
- Cultivate in-house data science capabilities, tapping into analytics resources.
- Drive process improvements
- Enhance workforce efficiency by augmenting with GenAI
- Utilise GenAI for conversational interfaces, writing assistance, and answering queries.

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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