



A.I and Data Science Services

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G-Cloud- 15 Service Definition

Analytics and Data Science Service

Unlocking Data Value Support

At Analytics Engines, our core expertise lies in enabling organisations to extract the utmost value from their data assets. Our extensive range of services is meticulously crafted to streamline data exploitation, employing state-of-the-art methodologies such as Artificial Intelligence (AI), Machine Learning (ML), and Predictive Analytics. Emphasising predictive/prescriptive analytics, holistic system modelling, and cognitive analytics, we bring specialised proficiency in intelligent insights, connecting disparate data sets & modelling, as well as network and intelligence analysis.

Service Features

- Strategic planning and implementation expertise of data analytics.
- Utilise machine learning algorithms/statistical techniques to extract insights from datasets.
- Develop predictive models for forecasting, classification, and anomaly detection.
- Implement natural language processing (NLP)/text-mining techniques for unstructured data analysis.
- Conduct exploratory data analysis (EDA) identifying patterns, trends, and correlations.
- Apply data visualisation techniques to communicate findings and insights effectively.
- Proficient profiling, quality assurance, lineage tracking.
- DataOps Service: End-to-end support with CI/CD pipelines, orchestration.
- Processing Frameworks using tools including Python, SQL, AWS, Azure, PostgreSQL.
- Real-Time Data Pipeline Production enabling real-time visualised analytics.
- Data Preparation: Expertise in harvesting, cleansing, preparing actionable insights.

Service Benefits

- Unlocking data assets' full potential for insightful analysis.
- Empower organisations to make informed decisions based on data-driven insights/predictions.
- Identify new opportunities for revenue growth, cost savings, operational efficiencies.
- Cloud Modernisation to optimise data pipelines with cloud-based automation.
- End-to-End Pipeline Delivery too seamlessly manage development to production.
- Thorough testing to ensure data alignment, verification, and usability.
- Agile approach utilising Scrum methodology for user-centric development.
- Adherence to Data Quality and Governance: Maintains high data standards.
- Articulates importance of data analytics for business case development
- Drive innovation/differentiation through advanced analytics and machine learning techniques

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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