

G-Cloud 15 Framework

Service Definition

Artificial Intelligence (AI) as a Service

About Us

Advanced Expert Systems Ltd was originally founded in 1989 to bring the benefits of Artificial Intelligence (AI) systems and solutions to real world challenges. Now known as AES Group Ltd, we have become a leading provider of critical defence, healthcare and commercial information systems and solutions for over 35 years.

AES Group has operations in a number of areas and have a proven track record of successfully delivering critically reliable systems and solutions that meet the complex needs of our customers in military, healthcare and commercial environments.

As an established independent information systems and solutions provider, our reputation has been built on over three decades of successfully delivering advanced information systems and engineering projects. This is evident from our considerable track record and long-term customer relationships.

Our services are able to be individually tailored to your specific needs including the levels of configuration of systems, the types of backups and/or disaster recovery options available, the most suitable maintenance windows for your operations and the required support hours.

As part of our preliminary discussions we will determine your exact needs to allow us to configure each service to your specific requirements. In addition to the technical aspects of the service, discussions will also cover the administrative aspects such as type of onboarding/offboarding support required, user numbers, dashboards and insights, etc. These discussions will also cover the financial aspects of the service including your budget, if service credits are required, and any other core or optional requirements.



Service Overview

The Artificial Intelligence (AI) as a Service (AlaaS) is a library of AI and machine learning (ML) components and algorithms that are integrated with visualisation tools providing faster and more accurate analytics and insights. The service includes AI and ML techniques to predict KPIs across industries and deliver successful outcomes.

Service Features

This service includes the following main features:

- Bespoke artificial intelligence, machine learning and predictive analytics platform.
- Predictive analytics, neural networks, machine learning and deep learning models.
- Business intelligence and reporting using open source and in-house components.
- Analysis of unstructured data such as text, notes, emails, chat, voice etc.
- Increase speed and accuracy of identifying trends and anomalies.
- Interface with a wide range of external systems.

Service Benefits

The main benefits of this service are:

- Open source and in-house components save time and costs.
- Capabilities implemented based on specific requirements.
- Reduce costs, increase accuracy and efficiency through automation.
- Significantly increase insights and business intelligence.
- Improving accuracy of predictive models.
- Knowledge management for data lakes (DLs) and data warehouses (DWs).
- Reduce the time to deploy an effective AI system.



Standard Service Options

The standard service options available are as follows:

- Telephone and email support and maintenance service by our UK based support teams during normal working hours, which are 9am to 5pm Monday to Friday (excluding public holidays).
- Standard onboarding/offboarding with training provided via documentation and online training.
- This service is provided to the following international standards:
 - ISO 27001:2022
 - ISO 9001:2015
 - ISO 14001:2015

Contact Us



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