

**SOLVE
SOMETHING
IMPORTANT**

Data Science

Service Definition Document

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Data Science

1 WHAT THE SERVICE IS

Leidos' service enables customers to extract knowledge and insight from structured and unstructured data assets. The service uses the most up-to-date algorithms, technologies, advanced analytical methods, machine learning toolsets and visualisation platforms. Solutions can be integrated with or independent of existing customer solutions to enable business transformation through data insights.

FEATURES

- Providing data solutions in descriptive and diagnostic analytics;
- Supporting operations and decision-making with predictive and prescriptive analytics;
- Expertise applying text and natural language analytics;
- Data experts in complex data mining and statistical analysis with structured/unstructured data;
- Expertise in statistical inference and behaviour modelling;
- Design and implementation of simulation and optimisation solutions;
- Delivering advanced analytical product matching (pattern matching) to customers;
- Support in using machine learning analytical methods for intelligent and automated analytics;
- Experience in supervised, unsupervised and deep learning models;
- Expertise with Digital Twin solutions (virtual representation of products/services/systems);
- Data integration and ETL pipeline design for seamless data preparation and transformation;
- Data visualisation and storytelling solutions for clear, actionable insights across stakeholders;
- Real-time analytics and streaming data solutions for operational intelligence and rapid response;
- Data governance, quality, and compliance frameworks ensuring trustworthy and regulatory-aligned analytics.

BENEFITS

- Enabling integration, interpretation, and consumption of complex/disparate data sources;
- Intuitive, easy-to-use interfaces, making data insights accessible and understandable;
- Reduced costs and improved decision-making by leveraging data more effectively;
- Increasing the accuracy of future business scenarios using advanced analytics and forecasting;
- Automation of complex tasks that previously required manual human intervention;
- Discovering hidden patterns, correlations, and biases in existing business processes;
- Unlocking of lost potential and missed business opportunities through deeper data-driven insights;
- Enabling access and integration of business processes with cutting/edge technologies;
- Improving operations with the latest ML/AI algorithms and analytical methods;
- Low-risk testing, validation, improvements of products/services using Digital Twin technology
- Strengthening data governance, compliance, and trust with transparent, auditable analytics;
- Increasing business agility and scalability with real-time and streaming data analytics.

OVERVIEW

Leidos offers a full data science service that enables their customers to extract knowledge and gain insight from their structured and unstructured data assets. The data science solutions offered by Leidos use the most up-to-date algorithms, technologies, advanced analytical methods, machine learning toolsets and visualisation platforms to understand customer data, identifying patterns, predicting outcomes and delivering optimised solutions that empower business outcomes and processes. All of Leidos' data science solutions can be integrated with or independent of existing customer solutions to enable business transformation through data insights, which can be accessed, explored and visualised in an intuitive way, according to business requirements.

Our Data Science Service is tailored to customer infrastructure strategies, whether that be On-Cloud or Hybrid, and can be delivered as part of a wider Leidos Solution offering or via consultancy. The solutions offered by Leidos include:

- Descriptive Analytics Services;
- Diagnostic Analytics Services;
- Predictive Analytics Services;
- Prescriptive Analytics Services;
- Text Analytics Services;
- Data Mining and Statistical Analysis Services;
- Simulation and Optimisation Services;
- Machine Learning Services;
- Digital Twin Services;
- Data Visualisation and Storytelling Services;
- Real-Time and Streaming Analytics Services;
- Big Data Analytics Services;
- Data Governance and Quality Services;

We are technology partners and experts in delivering programmes with established Cloud-Technology providers, such as AWS, Microsoft Azure, Google Cloud, and other technology leaders in the data area, utilising COTS products and open-source technologies. Our offerings are tailored to customers' requirements and needs to provide maximum benefit to our customers with scalable, fit-to-purpose and cost efficient solutions

2 ANY ONBOARDING AND OFFBOARDING SUPPORT YOU PROVIDE

Where relevant, Leidos will adopt a consultative approach with customers to define and validate their requirements in order to determine how best to engage with the services. The onboarding and offboarding process is dependent on the specific requirements of the solution, and the delivery methodology agreed upon.

3 PRICING

Please refer to the associated Pricing Document relevant to this Service.

4 TERMS AND CONDITIONS

Please refer to the associated Terms and Conditions Document relevant for our Service Offerings.

5 FURTHER INFORMATION

Please send your requirement to publicsector@uk.leidos.com. Alternatively, if you wish to discuss your requirements in more detail, please send us the following information and we will be happy to contact you:

1. Your organisation name.
2. The name of this service.
3. Your name and contact details.
4. A brief description of your business situation.
5. Your preferred timescales for starting the work.

ABOUT LEIDOS

Leidos is a leading partner to the UK government and the Scottish government as well as having key client partners in transportation and energy. Leidos employs 1300 people across the UK supporting technology and business process transformation programmes for clients such as the Home Office, the Ministry of Defence, the Metropolitan Police Service and NATS.

The success of this work in the UK and beyond shows that we are a trusted partner in the region and that our people can deliver innovative solutions to solve the most challenging problems.

LEVERAGING OUR CORE CAPABILITIES

Our technical core capabilities define the areas in which technical excellence is critical, not only for our business, but in the work we do daily to help customers achieve the important missions on the frontlines of their industry. Explore our core capabilities [here](#).



Digital Modernisation



Cyber Operations



Mission Software Systems



Integrated Systems



Mission Operations



INCLUSION AND DIVERSITY IN LEIDOS UNITED KINGDOM

Leidos is committed to creating a diverse and inclusive workplace, where every colleague has the opportunity to contribute, share their unique ideas and talents, and be supported in their career. Explore Inclusion and Diversity in the UK [here](#).

SOCIAL VALUE

We're committed to supporting sustainability initiatives, tackling workforce inequality and STEM education by enriching the communities to our operations. Learn more about Social Value in the UK [here](#).