

proprietary, limit distribution, controlled

G-Cloud 15

Digital AWS Databricks



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Service Description

Databricks Lakehouse on AWS or Microsoft delivering unified data engineering, analytics and machine learning for public sector organisations. We provide data ingestion, transformation, collaborative notebooks, ML pipelines, governance and secure sharing to accelerate insights, enable reproducible analytics and support evidence based policy decisions while ensuring data protection and compliance.

Features

- Implement a lakehouse combining data lake flexibility with warehouse performance.
- Provide collaborative notebooks for data engineering, analytics and model development.
- Manage ML pipelines with training, tracking and deployment automation.
- Use Delta Lake for ACID transactions, schema enforcement and time travel.
- Connect streaming and batch sources with reliable ingestion connectors.
- Apply governance controls, lineage and access policies for stewardship.
- Optimise performance with autoscaling clusters and workload isolation features.
- Integrate with BI tools, notebooks and external data platforms.
- Provide monitoring, alerting and cost controls for cluster usage.
- Deliver managed onboarding, training and 24/7 operational support services.

Benefits

- Faster analytics delivery through unified platform and collaborative workflows.
- Reproducible ML and analytics with tracked experiments and model governance.
- Improved data reliability via Delta Lake ACID transactions and lineage.
- Scalable compute supports large datasets and complex analytical workloads.
- Reduced time-to-insight with integrated notebooks and production pipelines.
- Stronger governance ensures compliant data use and audit readiness.
- Cost control through autoscaling, workload isolation and usage monitoring.
- Easier integration with existing BI ecosystems accelerates adoption.
- Better policy decisions from timely, governed and trusted insights.
- Managed support accelerates adoption and reduces operational overhead risks.

How We Plan Our Service:

We provide a flexible and collaborative approach to planning and strategy development, from ideation (including business case writing), all the way through to live service and subsequent continuous improvement. We have a dedicated project management office that specialises in technology delivery and have experience at all stages of the programme lifecycle, including supporting service development from pre-alpha onwards.

We do this through a proven, GDS aligned, Agile Scrum and PRINCE2 wrapped methodology, combined with ITIL-based operational service delivery (using our award-winning DevSecOps capability). Our preference is to work openly through sprints with customers and partners, using a one-team, one-goal approach, and use a continuous delivery principle to provide demonstrable benefit as early as possible in all of our work.

Whilst implementation phases are run as a series of Agile sprints, the inputs, outputs and processes governing them are closely monitored and tightly controlled. Project plans are aligned with deliverables and a burn-up of points is used to provide clear activity status, leading to a high degree of confidence in milestones.

B Corp Sustainability Partner

Sustainability isn't a choice; it's a responsibility

Our commitment to sustainability is embedded into every aspect of our business. From the very beginning, our ambition has been to build a values-first organisation where technology specialists are empowered to thrive and create meaningful, lasting impact.

Every day, we live our mission from attracting top talent and winning new customers to securing investment from Bridgepoint DC and receiving Great Place to Work certifications in both the UK and India. Our people, customer, investors, and community expect us to lead the way by following a sustainable strategy, and we are more than ready.

Through our relentless pursuit of purpose-driven impact, we accelerate the way we make a difference. One thing's for sure: we'll always keep evolving, raising the bar for a smarter, more sustainable future.



Terms & Conditions

All Services provided are governed by the G-Cloud 15 Framework Terms and Conditions. Additional Terms may apply dependent upon the service being purchased; these may include:

- **Licensing requirements**

Licenses and subscriptions are the customer's responsibility, except where Kerv is explicitly engaged to deliver licenses and subscriptions within the service Kerv is able to provide licenses to support your project via the cloud solution provider route. Please enquire or view our software listings on G-cloud.

- **Data Privacy**

Data privacy agreements/GDPR

Your Obligations

*In order to deliver the service, we may require:

- **Secure Access**

Access to VPNs and internal systems may be a requirement based on the work undertaken

- **Collaboration**

Access to key stakeholders required to ensure smooth service delivery, using modern collaboration tools

- **Requirements**

Information to help us plan service onboarding, typically discovered through documented initial questionnaire and live discovery workshops

About Kerv

We help your business get ahead - and stay there.

Tech should put people first, so culture is crucial. Combining ingenuity and emotional intelligence, we use advanced technology to solve your trickiest problems in smart and human-centred ways.

Kerv Digital continues Kerv's mission of delivering disruptive tech with business and social impact. Whether you want to increase productivity or make better decisions, we use custom accelerators to get you ROI in record time. Get ready for digital transformation done different.



Data

Exploit your data to make more informed decisions. We'll help you harness Microsoft Dataverse, Artificial Intelligence and predictive insights to uncover hidden opportunities and get ahead.



Experience design

Get to the root of your problems and prototype solutions at Design Thinking and Catalyst Workshops. Then we build the intuitive, accessible tech that meets your unique needs.



Software development

Don't spend on problems we've already solved. Component-led design means we've got a huge library of problem-solving code and add-ons. Which makes your bespoke software more economical.



DevSecOps

Maximise uptime and regularly deploy updated code through industry-leading CI/CD approaches. We've supported some of the UK's largest live software deployments.



Microsoft Power Platform

Building on Microsoft Power Platform and adding our accelerators and Centre of Excellence support, we'll help you improve and innovate across multiple departments and business cases.



Microsoft Dynamics 365

Take the problem-solving capacity of Microsoft Dynamics 365 to another level for your business - with our user experience design and free, sector-specific accelerators.

Contact Us

We are happy to assist and talk through how this service along with others, can be tied together to support your Digital Transformation



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