



Data Services Definition

Professional data, semantic modelling, and knowledge graph consulting services

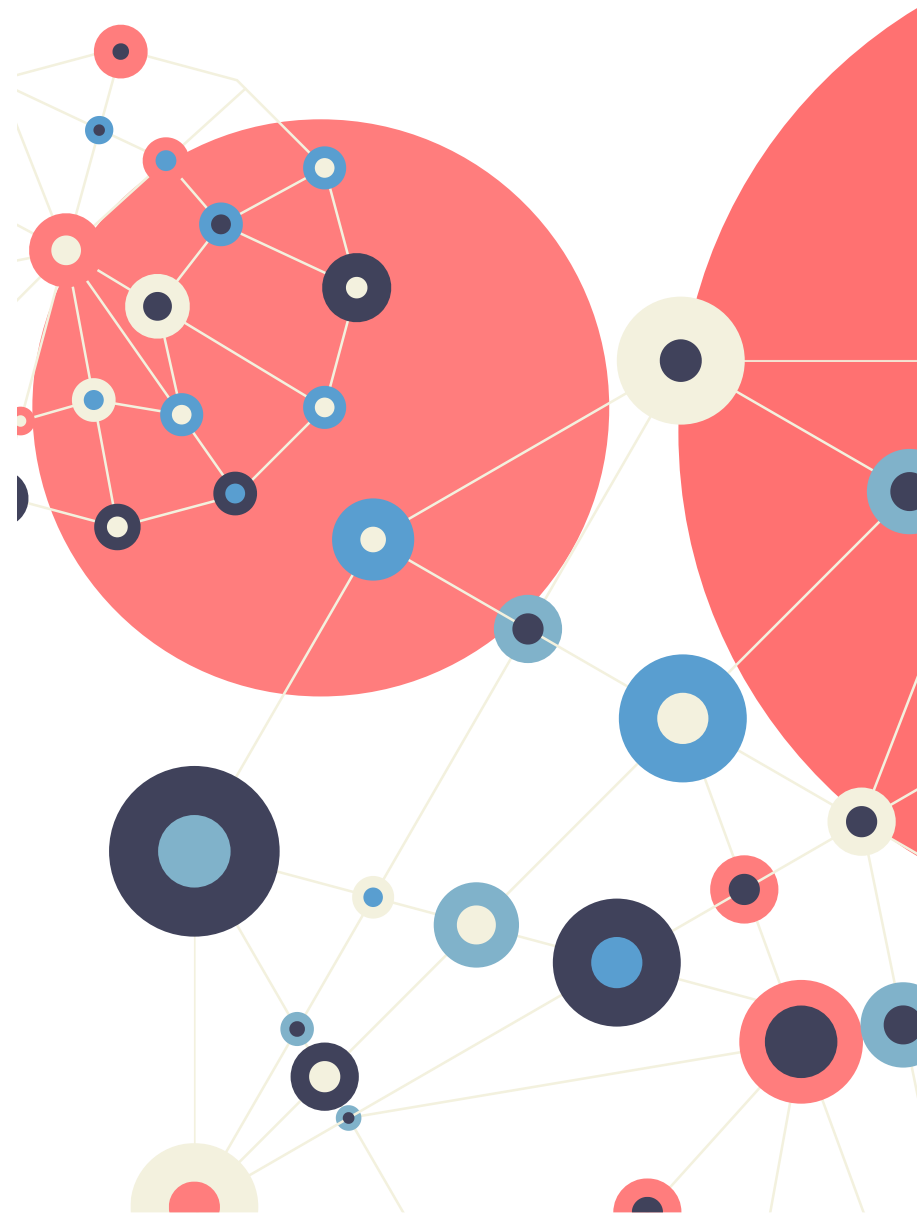
Digital Marketplace: G-Cloud 15

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A G-Cloud service by Data Language



Data Service Definition

- Domain modelling and semantic data design services
- Knowledge graph design, integration advisory, and delivery support
- Data and technical strategy, architecture design, and roadmap definition
- Data governance, stewardship, and information management design
- End-to-end data platform and data product design support
- Reference data sourcing, management, quality assurance, and workflow design
- Knowledge graph data creation, sourcing, and validation support
- Machine-learning training data sourcing and preparation services
- Preparation of structured datasets for analytics and machine-learning use
- Preparation of governed data to support AI-enabled search and decision-support
- Technical delivery planning to support customer-led implementation
- GraphRAG and LLM/Knowledge Graph integration

Data Service Benefits

- Expert professional support for knowledge-graph and semantic-data initiatives
- Improved data consistency, quality, and reuse across teams and systems
- Reduced delivery risk through structured, governed data design
- Accelerated delivery through established architecture and delivery patterns
- Clear data ownership, stewardship, and auditability
- Reusable data models supporting long-term interoperability
- Improved readiness for analytics and responsible AI use
- Knowledge transfer enabling in-house capability development

What We Offer

Knowledge Graph Design & Integration Support

We provide consulting services to design, configure, and support the integration of knowledge-graph technologies, helping organisations structure, link, and manage complex data across systems.

Data and Technical Governance Support

We assist organisations in establishing and operating data and technical governance frameworks, supporting data quality, assurance, security, and compliance. Services are advisory and delivery-support focused and operate within customer-owned governance frameworks.

Data and Technical Strategy and Architecture Services

We provide data and technical strategy consulting, including scalable, interoperable architecture design aligned with organisational requirements.

Privacy-first AI-enabled Data Services

We provide advisory and delivery support for AI-enabled data services, including information discovery and decision-support use cases. All services operate within defined customer privacy, security, and responsible-AI constraints, aligned with public-sector requirements.

Delivery Approach Valued by Customers

- Delivery approaches emphasising collaboration, transparency, and clear accountability
- Experience supporting complex data initiatives in governed environments
- Incremental delivery approaches to manage risk and assurance requirements
- Access to appropriately skilled delivery teams to support agreed scope
- Engagement models aligned to customer governance and controls

We help organisations move from...

- Existing technology landscapes with high support and maintenance requirements
- Information that is difficult to locate, relate, or reuse across services
- Slow and high-risk delivery cycles for new or updated data services
- Absence of a common framework for describing and connecting organisational information
- Variability in data quality and information consistency across sources

...to

- Improved linkage and consistency of information across existing systems
- Structured descriptions of business information suitable for human and automated use
- More predictable and repeatable delivery of services built on shared data assets
- Clearly defined characteristics and relationships for organisational data assets

Who we work with

Experience delivering data services to both public-sector and commercial organisations.



Agriculture

We collaborate with agriculture businesses to improve data-driven insights and decision-making.



Healthcare

Our services support healthcare organisations in optimizing their data and information systems.



Defence & Security

We work with defence and security organisations to enhance their data management and intelligence capabilities.



Finance

Our expertise extends to the finance industry, helping organisations leverage data for strategic advantage.



Media & Entertainment

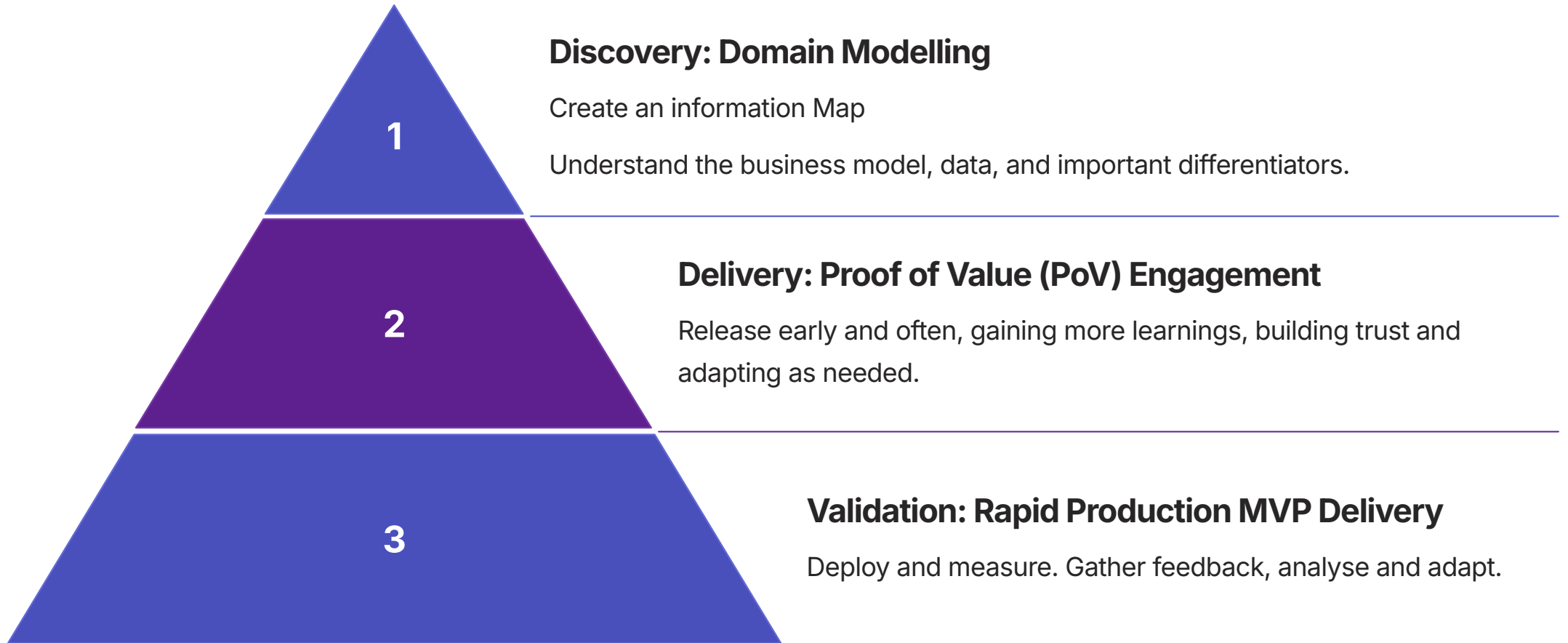
We work with media companies and professionals to enhance their data and content management.



Archives, Libraries, and Cultural Heritage

We work with public and private GLAM sector organisations to enhance metadata, search, AI capabilities, and user experiences

Engagement framework



Contact us to discuss your requirements.

Email: info@datagraphs.com

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Further information on service scope, delivery approach, and engagement models can be provided in line with G-Cloud 15.

