

Data Consulting

G-Cloud

January 2026

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Data Consulting and Engineering

Data consulting and engineering services supporting the design, build, and use of trusted data. Improve data quality, structure data for analytics, and enable informed decision-making.

1 Service Overview

Appvia's Data Consulting and Engineering services help organisations build trusted data foundations. We combine pragmatic advisory with hands-on delivery, working collaboratively with your internal teams.

What you get:

- **Data strategy** — Roadmap definition focused on platforms and analytics
- **Architecture design** — Solution reviews and tooling selection across AWS, Azure, and GCP
- **Data integration** — Ingestion from operational systems
- **Data quality** — Validation aligned to business needs
- **Data modelling** — Curated, reusable datasets for analytics and reporting
- **Pipeline automation** — CI/CD practices for data pipelines
- **Business intelligence** — Diagnostic analysis based on agreed KPIs
- **Collaborative delivery** — Alongside internal teams with knowledge transfer

Solutions designed to be understood, operated, and extended by your team.

2 Our Approach

We follow a collaborative approach that builds capability within your team while delivering value.

Engagement model:

Phase	Activities
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Discover	Data landscape assessment, requirements gathering, tooling review
Design	Architecture definition, data modelling, pipeline patterns
Build	Pipeline development, quality checks, testing automation
Enable	Documentation, knowledge transfer, handover

Our focus areas: - Pragmatic, repeatable data engineering practices - Clear data ownership and accountability - Reusable datasets that reduce duplication - Solutions your team can operate and extend

We work alongside your team, not in isolation.

3 Getting Started

Engagement scope and duration depends on requirements:

Discovery (1-2 weeks) We assess your data landscape, understand requirements, and identify quick wins and longer-term priorities.

Design (2-4 weeks) We define architecture, data models, and pipeline patterns. We agree delivery approach and success criteria.

Build (varies) Iterative delivery of pipelines, quality checks, and datasets. We work collaboratively with your team throughout.

Enable (1-2 weeks) Documentation, knowledge transfer, and handover. We ensure your team can operate and extend the solution.

Prerequisites: - Access to source systems and data - Defined analytics and reporting requirements - Internal team availability for collaborative working

4 Your Responsibilities

To ensure successful service delivery, you will need to:

- Provide timely access to required resources, stakeholders, and information
- Make appropriate subject matter experts available for design and integration discussions

- Ensure business users are available for acceptance testing as agreed
- Procure necessary software licenses and subscriptions
- Empower your project team to make decisions in a timely manner
- Review and approve deliverables based on agreed acceptance criteria
- Provide access to source systems and data
- Define analytics requirements and success criteria
- Make internal team members available for collaborative delivery
- Approve data models and quality rules
- Participate in knowledge transfer activities

5 Security & Compliance

This service supports workloads classified up to **Official-Sensitive** where appropriate controls are in place.

Our security credentials:

- **ISO 27001:2013** and **ISO 9001:2015** certified
- **Cyber Essentials Plus** certified
- **75%+ of our team hold SC clearance**
- All access to customer environments is logged and auditable
- Data remains within UK regions unless explicitly agreed

We operate in alignment with GDS, NCSC, and CDDO security principles.

6 Support & Exit

Ongoing Support

- Dedicated Service Delivery Manager as your primary contact
- Regular service reviews with clear reporting on performance and incidents
- Defined change management aligned with ITIL best practices

Knowledge Transfer

We embed knowledge sharing throughout our engagement: - Documented runbooks and operational procedures - Regular knowledge sharing sessions with your team - Post-incident reviews that share learnings

Exit Process

When the engagement ends, we ensure an orderly transition: - Complete documentation of all configurations and procedures - Knowledge transfer sessions as required - 90-day standard notice period - No disruption to your services during handover

7 Why Appvia

We're a UK-based SME with deep expertise in cloud platforms and a strong track record delivering for UK government.

Cloud Partnerships

- AWS Advanced Tier Services Partner & Public Sector Partner
- Microsoft Azure Solutions Partner
- Google Cloud Partner

Open Source Credentials

- Creators of Terranetes (CNCF project for Terraform on Kubernetes)
- Developers of Wayfinder, a self-service cloud platform

Public Sector Experience

We understand the unique requirements of government and public sector organisations, from security clearance to GDS service standards.

"Appvia have helped us realise our cloud-first strategy with excellent product solutions. The security, governance and peace of mind brought in by the cloud landing zone has dramatically accelerated our journey to cloud-native adoption."

— **Peter Macchiocci**, Bank of England, Head of Platform Engineering

8 Contact Us

To discuss your requirements or request a detailed proposal, contact our Public Sector Team.

Phone: 020 3917 2888

Email: sales@appvia.io

Website: www.appvia.io

When you get in touch, please include: 1. The name of this service 2. Your organisation name 3. Your contact details 4. A brief description of your requirements

We'll arrange a discovery call to understand your needs and provide a tailored response.

Appvia helps organisations build, secure, and innovate across cloud, data platforms, and AI by blending practical engineering expertise with real-world experience.



About Appvia

Appvia helps organisations build, secure, and innovate across cloud, data platforms, and AI by blending practical engineering expertise with real-world experience. Drawing on our background in creating open source CNCF projects like Terranetes and our self-service developer platform, Wayfinder, we bring that industry know-how and expertise into your organisation to help unlock the true value of the Cloud. As an AWS Advanced Tier Partner and a Microsoft Solutions Partner, we specialise in delivering secure, scalable cloud-native platforms and services, including containerisation, FinOps, modernisation, and AI integration.

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