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SUSTAINABLE FUTURES WITH PEOPLE & DATA



G-Cloud Service Definition

Cloud Data Platform Build



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Service Name

Cloud Data Platform Build

Service Description

End-to-end design and build of modern cloud data platforms. We deliver secure, scalable Lakehouse and Data Warehouse solutions using Infrastructure as Code (IaC). Services include data migration, pipeline engineering (ETL/ELT), and integration of legacy systems into cloud environments (AWS, Azure, GCP) using best-practice DevOps and CI/CD methodologies.

Service Category

Set up & Migration

Service Features

1. Cloud Landing Zone design and secure setup (AWS/Azure/GCP).
2. Modern Data Stack implementation (Snowflake, Databricks, BigQuery, Synapse).
3. Infrastructure as Code (IaC) deployment using Terraform or Bicep.
4. Scalable ETL/ELT pipeline development (dbt, Airflow, Glue, Data Factory).
5. Legacy data migration from on-premise to cloud.
6. Implementation of Data Mesh and Data Fabric architectures.
7. Automated CI/CD pipelines for data engineering workflows.
8. Role-Based Access Control (RBAC) and Row-Level Security integration.
9. Real-time streaming data ingestion and processing.
10. Master Data Management (MDM) and Single View solutioning.

Service Benefits

1. Scalable infrastructure that grows with your data needs.
2. Single source of truth enabling accurate reporting and analytics.
3. Automated deployments reducing manual errors and downtime.
4. Faster access to data for analysts and decision-makers.
5. Reduced legacy infrastructure costs through cloud optimisation.
6. Enhanced security posture leveraging native cloud monitoring tools.
7. Seamless integration with existing SaaS and on-premise applications.
8. Traceable and auditable data lineage from source to dashboard.

9. Rapid onboarding of new data sources and domains.
10. Future-proof architecture ready for AI and advanced analytics.

Scope of Work

Technical design, build, and deployment of cloud infrastructure (AWS/Azure/GCP) and data pipelines. Includes Unit Testing and System Integration Testing

Service Constraints

- Work is performed within the Client's cloud tenancy.
- Client pays all cloud consumption/compute costs directly to the provider.
- Requires Admin/Contributor access to the cloud environment.

Onboarding Process

1. **Kick-off:** Initial workshop to define success criteria, ways of working, and access requirements.
2. **Mobilisation:** Allocation of security-cleared staff (typically 5-10 days from contract signature).
3. **Discovery:** Review of existing documentation, architecture, and data sources.
4. **Plan:** Agreement of the Project Plan or Sprint Backlog.

Offboarding & Exit

1. **Knowledge Transfer:** Structured handover sessions with internal staff.
2. **Documentation:** Delivery of all technical documentation, code repositories (Git), and architecture diagrams.
3. **Data Deletion:** Secure deletion of any client data held on consultancy devices (certified disposal).
4. **Revocation:** Return of all passes, laptops, and removal of system access.
5. **Warranty:** A 30-day warranty period on all code delivered (for "Build" services only).

Service Pricing

Prices are based on our G-Cloud 15 Lot 3 Rate Card. Final contract value is determined by the scope, complexity, and resource mix required, which we establish during the initial discovery phase.

We offer flexible commercial models, including Time & Materials (T&M), Fixed Price, and Capped T&M, to be agreed and documented in the Call-Off Order Form. Volume discounts may be available for longer-term engagements