

# GlobalLogic Data Platform Accelerator

An end-to-end data platform that enables you to turn data into knowledgeable and actionable insights by gathering, transforming, and enriching data from across your enterprise



## Implement a fully functional data platform within days, not months

Although extracting value from data across an enterprise is imperative, many businesses struggle with the challenges of big data architecture, technology stacks, and hosting capabilities that are required for ramp-up.

GlobalLogic's Data Platform Accelerator enables businesses to implement a fully functional, end-to-end data platform within a target or greenfield cloud account within days instead of months. Leveraging cloud native PaaS technologies, the Data Platform Accelerator helps businesses gather enterprise-wide data, transform and enrich it, and deliver it to analysts for extracting value and insights.

### Core Platform Capabilities

- Template based data pipeline orchestrator supporting Apache Airflow / Managed Airflow and Azure Data Factory
- Support of various Data Integration patterns:
  - Structured Batch-Push
  - Structured Batch-Pull
- Standard data integration zones (raw, staging, refined) and well-scoped Hot and Cold (archive) zones
- Supports Sophisticated data analytics and AI/ML capabilities powered by AWS Athena, Sagemaker Notebooks or Databricks platform
- Automated platform installation

### Portal Capabilities

- Data Source Management**
- Manual and automated schema registration
  - Ingress endpoint management
  - Fully-automated resource provisioning
  - Ownership and access control management
- Project Management**
- Specifying source data source(s)
  - Egress endpoint(s) management
  - Fully automated resource provisioning
  - Ownership and access control management

### Administration Capabilities

- User Management**
- User Registration
  - user Role Assignment
  - Flexible role based access control
- Job Monitoring and Management**
- High-level job tracking and monitoring
  - Self-service analysis and troubleshooting
- Platform Portal**
- Authorization and Authentication
  - Service Integration Hub
- Ingress/Egress endpoints**
- API, J/ODBC endpoints enabling ingestion and data usage by external analytics solutions

# GlobalLogic Data Platform Accelerator

**Add value through standardization, consistency, and reuse**

The Data Platform Accelerator enables businesses to quickly deploy a centralized, next-gen platform to store and process data — even with limited technical knowledge. The accelerator adds significant value by:

- Eliminating silos that create roadblocks in generating insights
- Enabling consistency around infrastructures, technologies, pipelines, and processes
- Providing transparency around available data/adaptors/pipelines to eliminate inconsistencies and duplications
- Manage tedious, non-trivial and lengthy process to provision, configure integrate with ease
- Enabling role-based access control across data, data processing, platform configurations and APIs
- Jump-starting the data science team’s ability to create AI/ML models

