

Fast-track data platform creation on AWS with Impetus data platform Accelerator

Create a single source of truth and enable multiple business use cases – all in few weeks



Most enterprises have petabytes of data pouring in from multiple sources but struggle to unlock meaningful insights. A unified data platform on AWS can solve this problem.

However, the complexities of the underlying architecture and service integration of setting up a data platform deter them from creating a unified platform.

Our platform-centric approach takes care of the end-to-end data platform lifecycle, including creation, operationalization, and management. Further, Impetus' accelerators and enablers help fast-track the creation of purpose-built data platform on AWS.

Impetus Data Platform Accelerator

The Impetus Data Platform Accelerator is designed to accelerate the setup process of entire data platforms, empowering customers to jumpstart their data projects on the cloud.

This innovative solution facilitates a reusable, parameterized, and automated framework with minimal code requirements.

What's possible

- Create a new data platform or clone an existing one
- Add or remove clusters
- Data ingestion and curation, cataloging, lineage, security, and governance
- View summary of the data platform
- Delete/terminate the data platform
- First-time/ ongoing data platform hydration
- Audit monitoring, security analysis, BI reporting, and data sharing

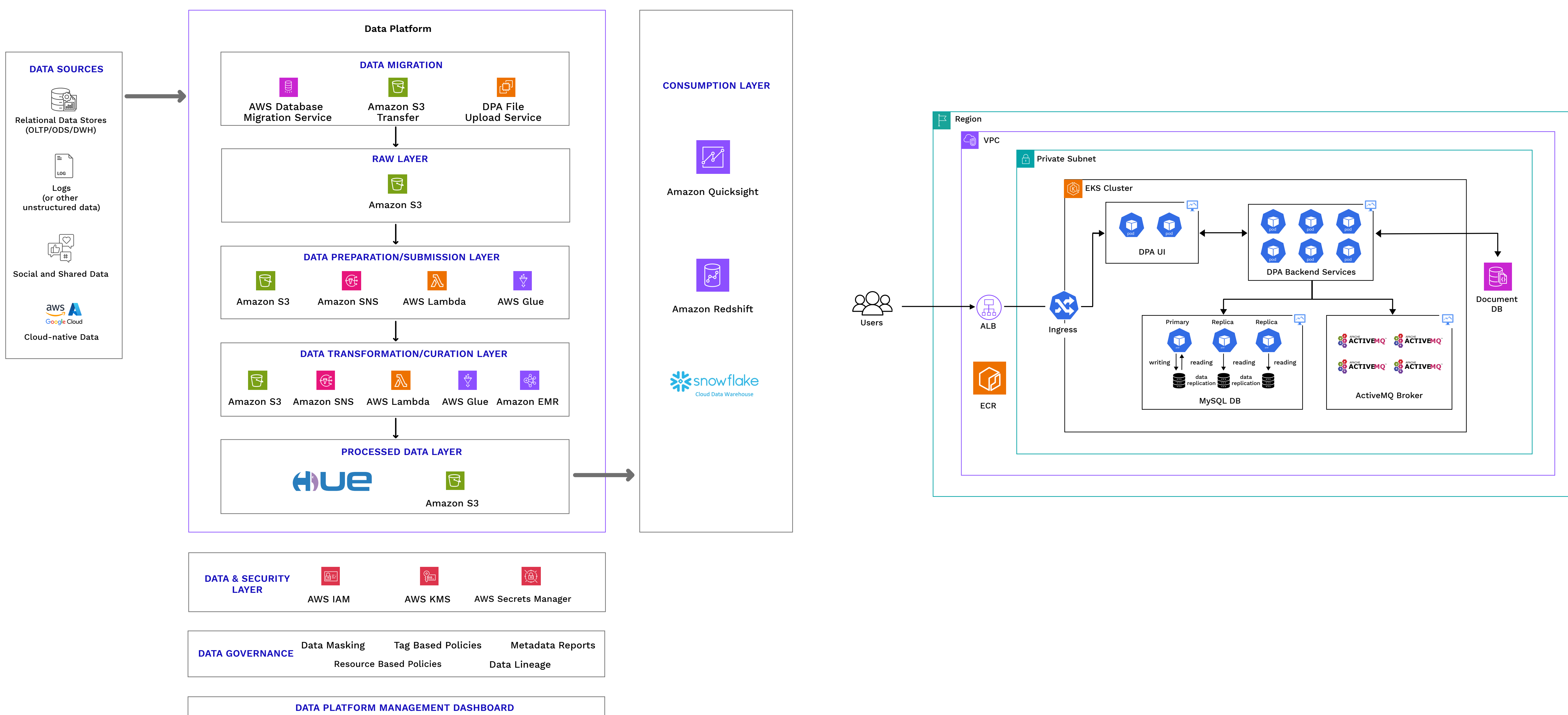
It seamlessly handles various activities, including user addition, cluster provisioning, and data processing, implementing AWS's seamless architecture through a user-friendly web-based interface.

How it works?

1. Setting up infrastructure with primary inputs from user
2. Hydrating the platform from diverse data sources
3. Curating data for consumption

Key benefits

- Scalable, rapid implementation with minimal configuration
- Unified interface for data access and policy management
- Data extraction capabilities for full load and CDC
- Intelligent storage tiering for cost optimization
- Support for analytics and data visualization
- One-click infrastructure setup



Solution overview - Impetus Data Platform Accelerator

Resources

Fortune 500 insurance brokerage firm transforms customer experience with a unified data platform on AWS

A scalable, one-click data ingestion solution for data pipelines and use cases with robust built-in security, governance, and metadata management

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In-the-moment analytics on AWS significantly reduces passenger wait time for United Airlines

Established a modern data platform on AWS with integrated analytics, built-in governance, and intelligent data profiling capabilities

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Centralized data lake on AWS enabled a single source of truth with real-time integration of sources

Data lake implementation on AWS resulted in 60% infrastructure cost reduction and improved application performance

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50% cost reduction due to usage of AWS Glue over SSIS

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