



UBI **X**celerator

From Data to Decisions

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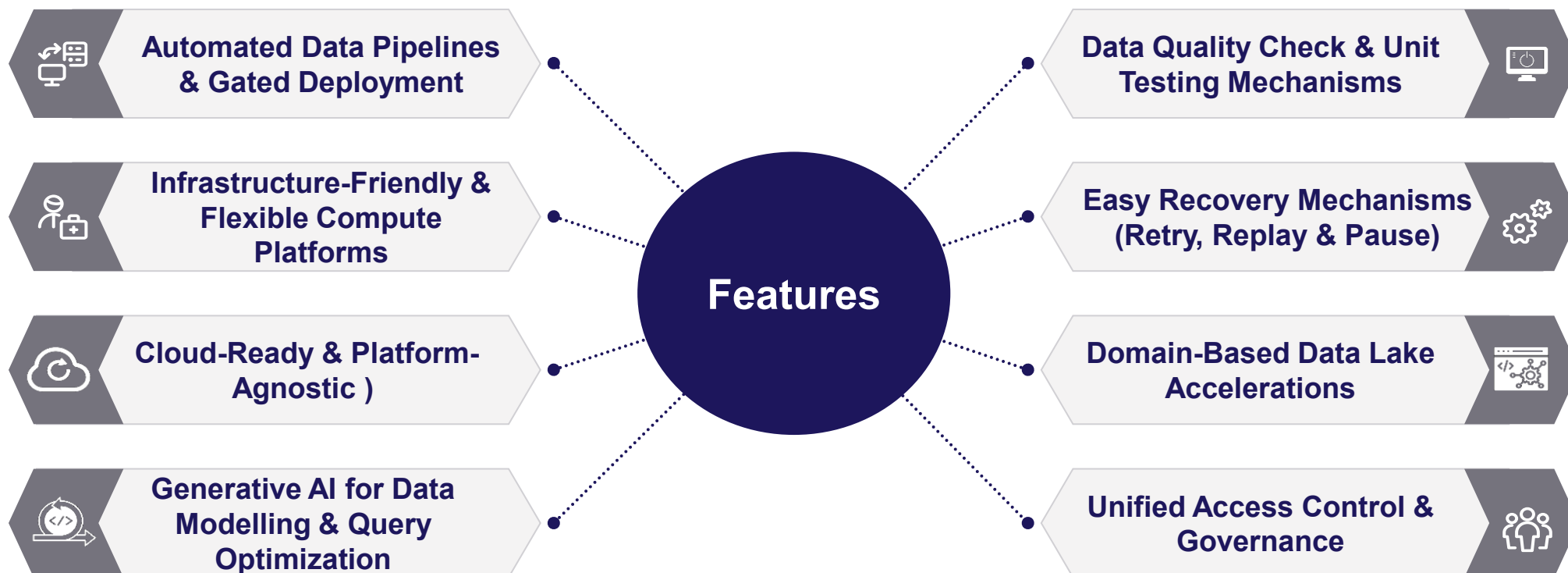
UBI Xcelerator operates seamlessly on any cloud platform of your choice, unleashing unparalleled value for your organization.



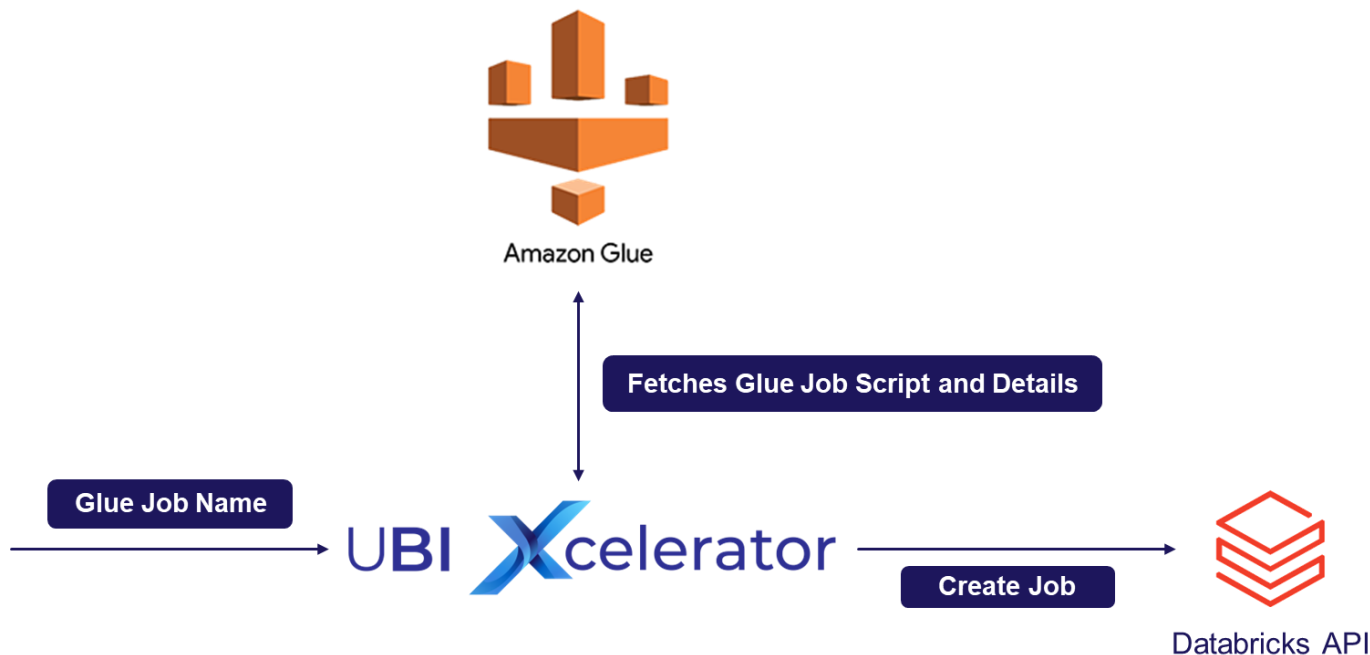
UBI Accelerator – Overview

Experience a **40% efficiency boost** with unparalleled cost savings!

Revolutionize your data management with **UBI Accelerator – a Cutting- Edge, Configurable On-premise or Cloud-based Data Pipeline Automation Tool**



Seamless AWS Glue to Databricks Migration with UBI Xcelerator



Why UBI Xcelerator for AWS Glue to Databricks Migration?

- **Automated Migration** – No manual intervention required. UBI Xcelerator handles script conversion seamlessly.
- **Fast & Efficient** – Eliminates tedious rework by automatically converting AWS Glue scripts to Databricks-compatible **PySpark**.
- **Minimal Downtime** – Direct integration with Databricks API ensures quick deployment of converted scripts.
- **Error-Free Execution** – Intelligent mapping of AWS Glue functions to Databricks reduces compatibility issues.
- **End-to-End Workflow** – From fetching Glue jobs to executing them in Databricks, the process is fully streamlined.

UBI Xcelerator in Action – Key Highlights from POC at Top 10 Global Pharma Client

Assessment & Transformation Goals

Scope: Modernization of legacy ETL across Medical Affairs & Commercial

Objective: Tech debt reduction through **refactoring & redesign**

Focus Areas

- Migrating to Spark-based pipelines
- Streamlining manual processes
- Enabling GxP compliance & audit readiness



Transformation Outcomes in Medical Affairs

- Diverse data types handled across regions (NA, EMEA, Japan)
- Heavy manual effort replaced with automated, scalable processes
- Code modularization and reusable components introduced

Automation & Validation

- **Automated Testing:** Deep data-to-data validation ensures trust
- Schema Drift Detection and logging for every job run
- Significant drop-in QA time due to automation
- Zero data loss with full post-migration accuracy

GxP Documentation Enablement

- Our tool auto-generates GxP documentation, including:
 - Transformation lineage
 - Field mappings
 - Validation reports
- Ensures compliance audit readiness (FDA, EMA, etc.)

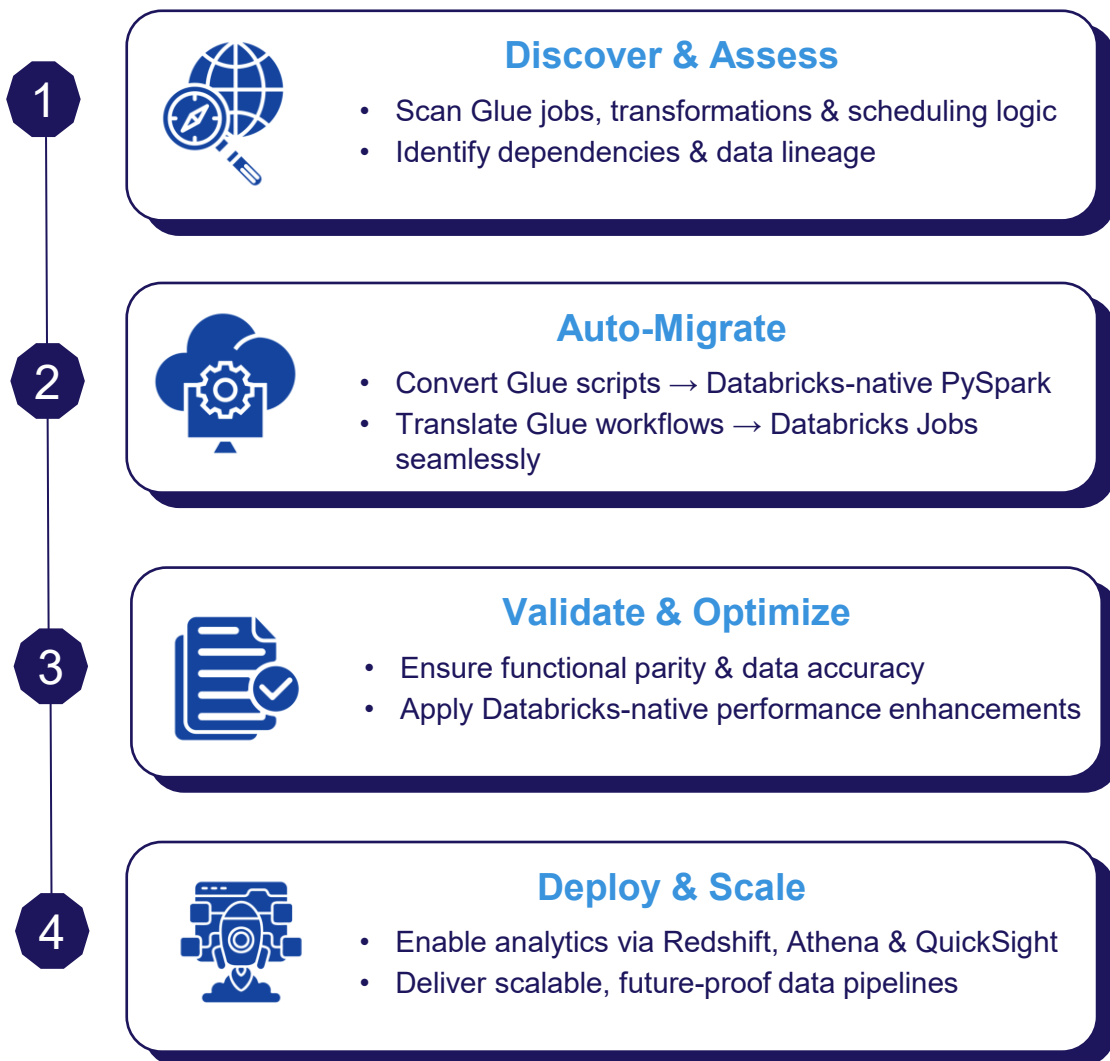
Transformation Summary

Migration Simplified by UBI Xcelerator

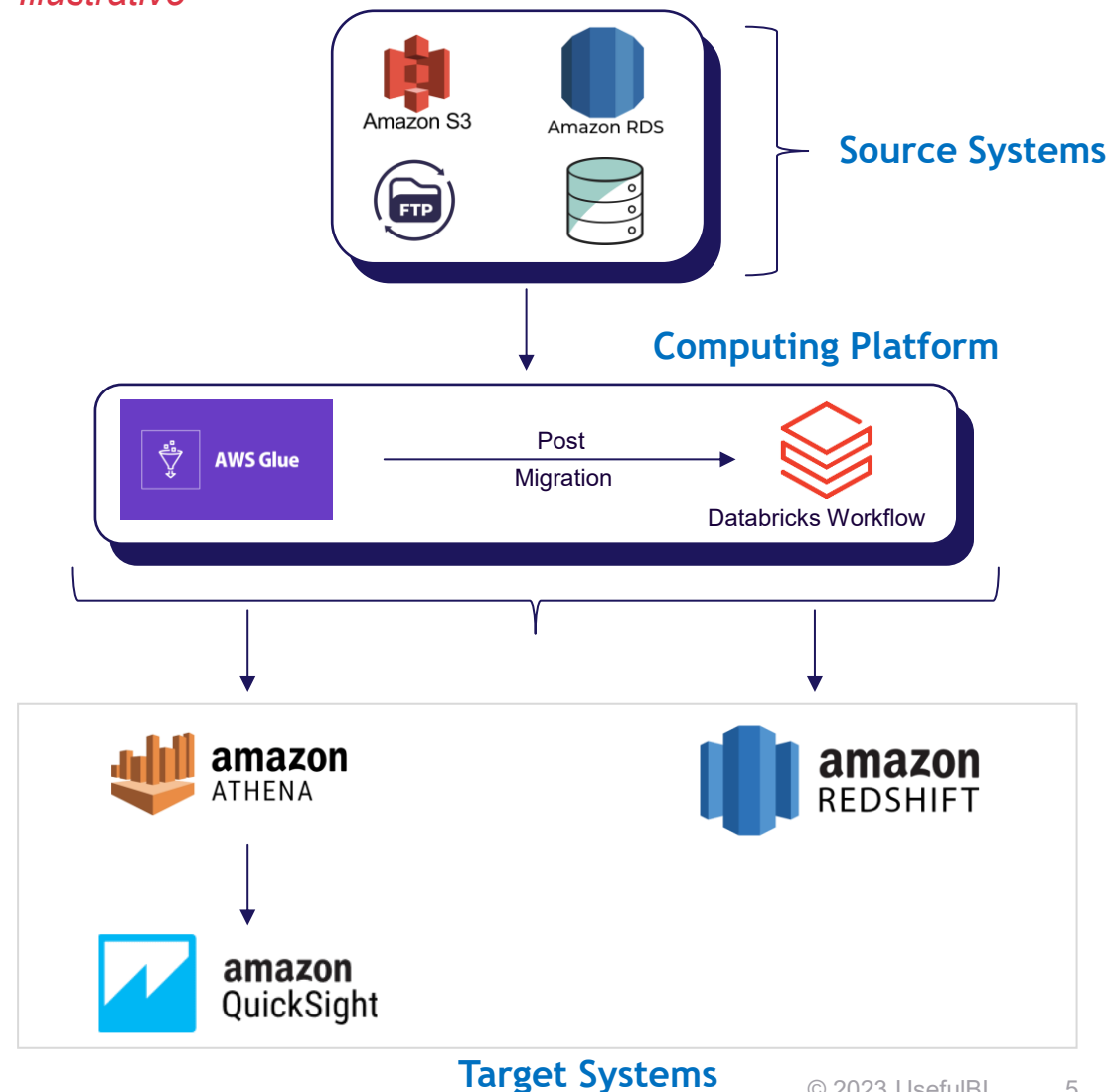
- **Structured approach (already detailed in next slide)**
- Enables easy migration without lock-in to low-code tools
- Supports scalability across future pipeline expansion

UBI Accelerator: Fast-Track Glue to Databricks Migration

This demonstrates the data flow for a representative use case with a leading global pharmaceutical company (top 10 in the industry)



Illustrative





Thank You!

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