Intelligent and automated Alteryx ETL modernization to AWS Glue

aws PARTNER
Migration Services Competency

aws PARTNER
AWS Glue Delivery

aws PARTNER
Amazon EMR Delivery

aws PARTNER
Amazon Redshift Delivery

Also available on
aws marketplace

Modernizing legacy Alteryx ETL to scalable, cloud-native services such as AWS Glue has become a strategic imperative for enterprises to reduce the cost of ownership, improve collaboration, and enhance flexibility.

However, migrating legacy Alteryx workloads to AWS Glue manually can be complex, tedious, and risky. The following key considerations can help avoid business/end-user disruption and ensure a seamless transition:

- Identify entire inventory, code complexities, interdependencies, etc.

- Identify and eliminate technical debt

- Optimize price-performance ratio through capacity planning

- Choose the right AWS services in line with business needs

- Leverage AWS-native services for data migration, metadata, monitoring, etc.

- Enable Infrastructure-as-code

- Plan a smooth cut-over

Key Benefits

Up to 95% automation

50-75% reduced time-to-market

90% reduction in risk
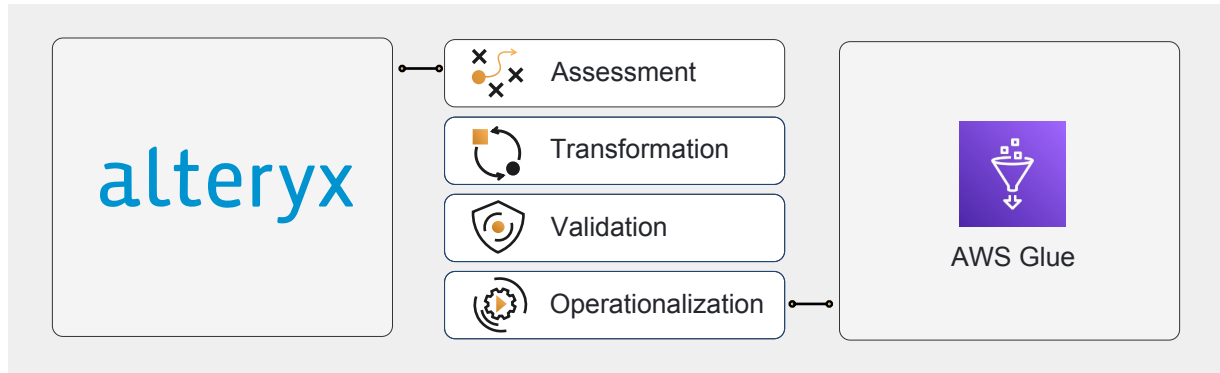
2x cheaper

1.5x faster validation

100% preservation of investment in business logic

[Witness the magic of Automated Workload Transformation from Alteryx to AWS Glue](#)
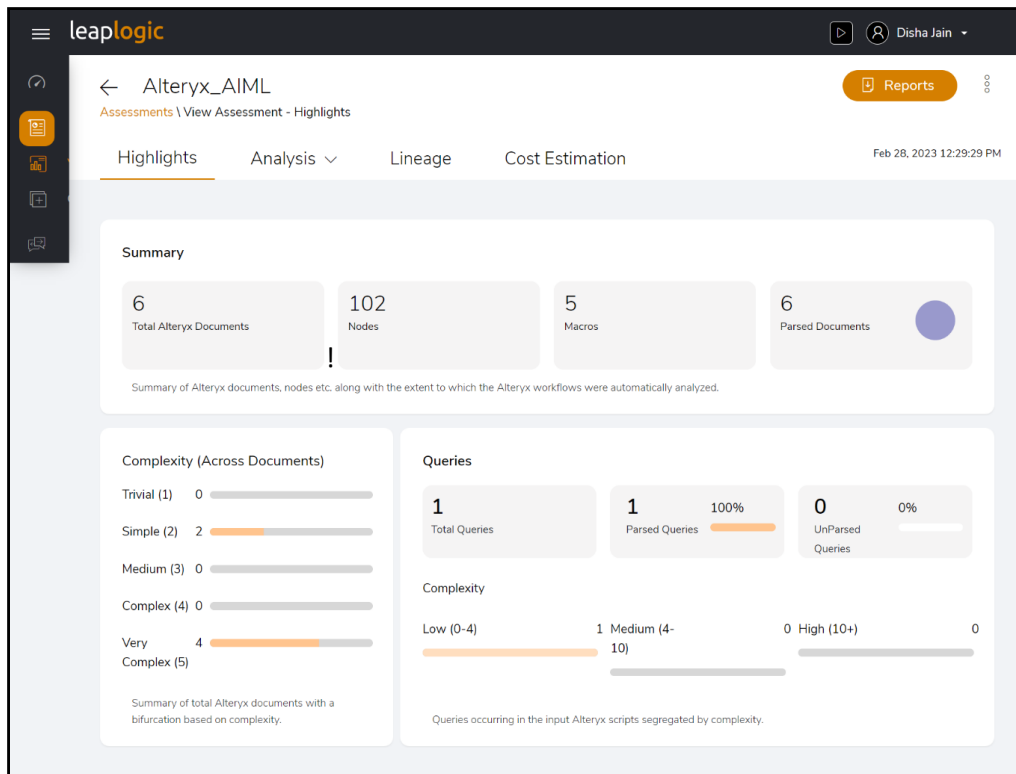
How it works

LeapLogic enables fast, risk-free, end-to-end modernization of legacy Alteryx workloads to AWS Glue with up to 95% automation. Its intelligent assessment engine identifies the complete chain of interdependencies existing between the workloads to enable a phased migration plan.
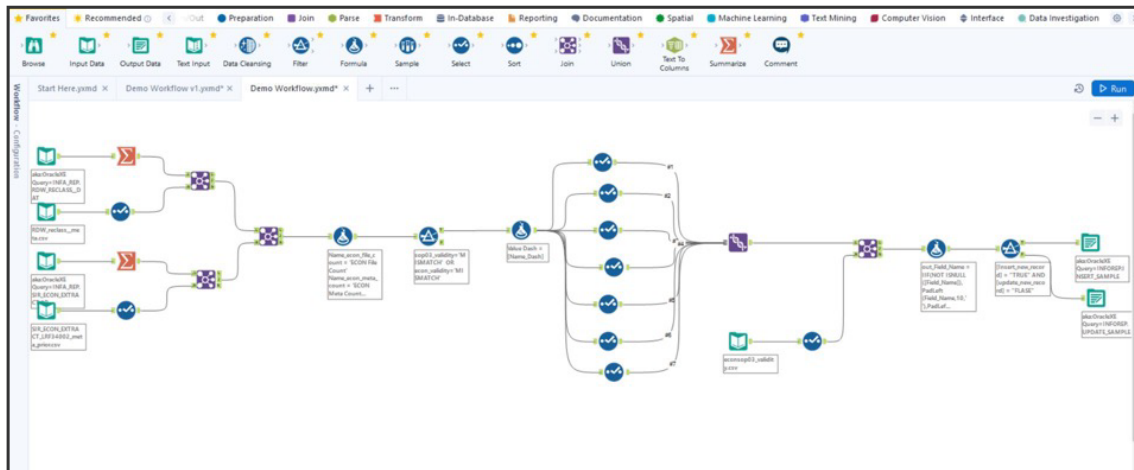

STEP 1: Assessment

- Integrated assessment for several workload types
- Comprehensive inventory listing including nodes, expressions, macros, queries, entities, etc.
- Workload prioritization as per the business use case
- Extensive interdependency analysis between various workloads
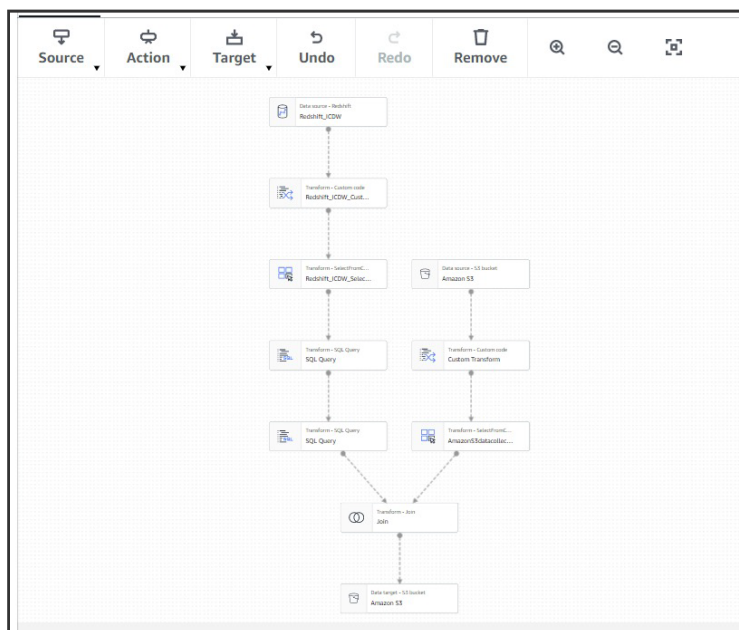- Phased migration plan with timelines and cost estimates

Automated assessment of Alteryx workloads

STEP 2: Transformation

- Intelligent grammar engine supporting a variety of workloads and formats with component-to-component transformation for Alteryx ETL scripts
- Intelligent component-to-query transformation for cases where a direct compatibility can't be established between source and AWS
- AWS-native conversion, packaging, and orchestration as production-ready jobs
- Delivers a verified, executable package with performance SLAs met
- Preservation as well as optimization of core business logic
- Extensible, repeatable, and verifiable methodology

Alteryx ETL graph (source)

Transformed AWS Glue ETL graph

STEP 3: Validation

- Pipeline-based automated validation on diverse datasets
- Auto-generation of reconciliation scripts
- Automated SQL/query and business level validation
- Cell-to-cell validation reports
- Data type and entity-level matching

STEP 4: Operationalization

- AWS-native orchestration
- Infrastructure as code
- Automated DevOps including CI/CD, etc.
- Target platform stabilization with parallel runs
- Controlled price-performance ratio
- Smooth cut-over
- Documentation, training, and handholding

To automate Alteryx transformation to AWS, write to us at info@leaplogic.io