



Automated workload transformation from SAS to Databricks

VIDEO TRANSCRIPT

LeapLogic eliminates the slow, error-prone, expensive practices of manual workload migration and automates end-to-end enterprise data warehouse transformation. We bring all the pieces of the puzzle together so that your journey to a cloud-native stack is fast, affordable, and risk-free.

Here's a demo of how Leaplogic simplifies the migration of SAS workloads to Databricks Lakehouse.

It assesses the complexity of each SAS file and segregates the analytical scripts into ETL, statistical, procedural, and advanced algorithmic models.

For each SAS script, the analysis page shows macros, PROC SQLs, data steps, procedural constructs and more.

Detailed reports can be downloaded for offline use.

Here are the aggregated insights for SQL scripts, conditional procedural constructs, data access information and more.

Let's download a detailed report.

The detailed report provides total code size, do loops, if else conditions, macros, procedure level details and more.

Next, LeapLogic's SAS transformation pipeline converts all the analytical workloads end-to-end to Databricks Lakehouse.

The Transformation stage transforms, validates and certifies the legacy SAS code and business logic to Databricks Lakehouse equivalent code.

All SQL queries and business logic including keywords, functions and constructs have been successfully auto-transformed and packaged back as production-ready jobs along with the orchestration and execution logic.

LeapLogic provides target-compatible packaged code that is ready to be orchestrated and executed as production ready notebooks and jobs on Databricks Lakehouse.

It also provides various optimizations for Spark SQL queries, such as caching, in memory optimization, horizontal slicing of bulky tables and more.

Let's download the converted package, which contains the Databricks Lakehouse-equivalent code.

Next, we log in to the Databricks portal and import the transformed code. The legacy constructs, functions and keywords have been transformed into Databricks native-equivalent code, which can run optimally on Databricks Lakehouse.

Let's execute this code. We can see multiple Spark jobs successfully executed on Databricks Lakehouse.

LeapLogic also automates rigorous validation tests and handles orchestration, so you'll reach your destination sooner and avoid business disruption.

And when you do, LeapLogic assists with cloud optimization and capacity planning, ensuring performance of the workloads in your new AWS-native stack.

Choose LeapLogic to take you to the cloud faster, at lower cost and with lower risk.

It's more than the next step.

It's a leap into the future of your business.