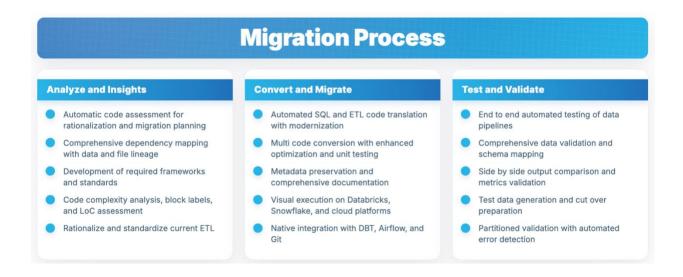


# Automate your Modernization Visual Lineage. Visual Execution. 10X SPEED

Python (PySpark) (Snowpark) (Snowflake) (Databricks



# **Analyze and Insights**

Scan SAS, DataStage, Informatica, Teradata BTEQ, PL1, and JCL to auto build a complete inventory. Discover dependencies, macro chains, external calls, data sources, and fan in or fan out hot spots. Produce visual lineage and impact maps that guide the entire modernization.

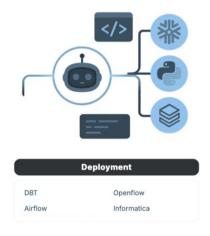
- Inventory all workflows, macros, and configurations
- Dependency mapping with data & file lineage
- Code complexity analysis, block labels, and LoC assessment

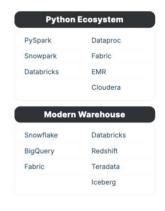




#### **Parser Engine**







### Convert. Generate modern code.

Deterministic conversion into Python, PySpark, Snowpark, and SQL for Snowflake, Databricks, BigQuery, Redshift, and Fabric. All translations are explainable and auditable, with module level controls and style guides.

- Multi-code conversion with enhanced optimization
- Translated workflows to notebooks
- Auto documentation for each converted artifact



#### Modernize faster across the full migration lifecycle









## **Execute. Orchestrate pipelines.**

Run converted workloads in the right order with a driver notebook or job runner. Standardize on Delta and cloud storage, schedule, monitor.

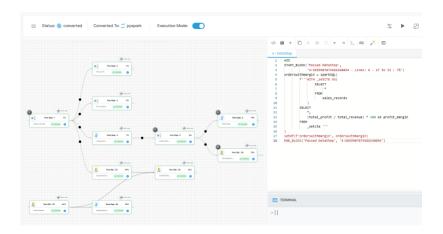
- Visual execution on Databricks, Snowflake
- Native integration with DBT, Airflow, Git
- Validate results and capture lineage



## **Visual Execution**

Visual execution runs directly on Snowflake and Databricks, combining lineage and live code in one workspace with a direct warehouse session and step-by-step visibility to any failure point.

- Visual execute to Snowflake and Databricks. Left shows lineage. Right runs live code with a direct session. You see each step and the exact stop point.
- Streamlines troubleshooting, cuts retesting, provides audit ready logs, lowers engineering and compute costs.
- Lower risk. Visual Lineage shows upstream and downstream impact, so teams retest only what matters.





# Validate. Prove parity.

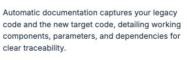
Partitioned validation compares row level and aggregate outputs between legacy and modern systems. Automatic schema checks, data matching reports, and exception trails give confidence to go live.

- Verification for row, column, source table, target table + more
- Automated schema detection and data validation
- Side-by-side output comparison











Compares source and target outputs at scale using configurable keys and rules. Flags mismatches, duplicates, and gaps with actionable reports for fast fixes.

## Merlin AI. Assist and accelerate.

Context aware assistance that knows your inventory, lineage, and conversion plans. Generate unit tests, explain diffs, suggest mappings, and draft notebooks with your rules applied.

- 100% optional
- Debug errors, and improve efficiency
- Nothing leaves your network
- Get instant insights

