

ETL/EDW assessment and transformation

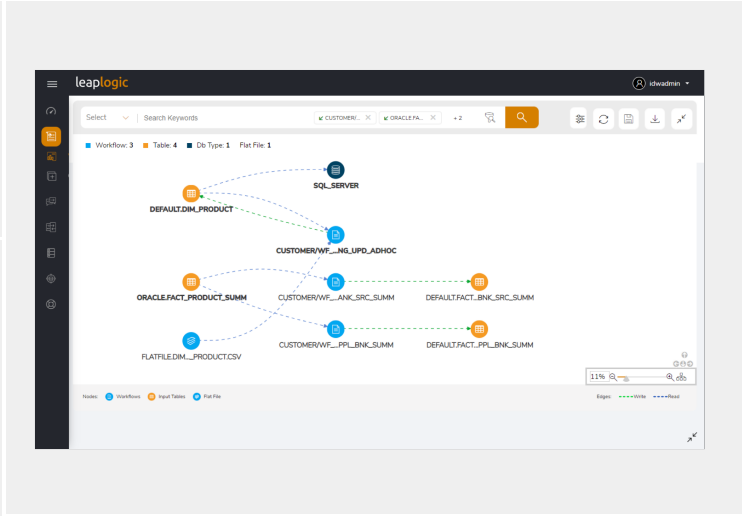
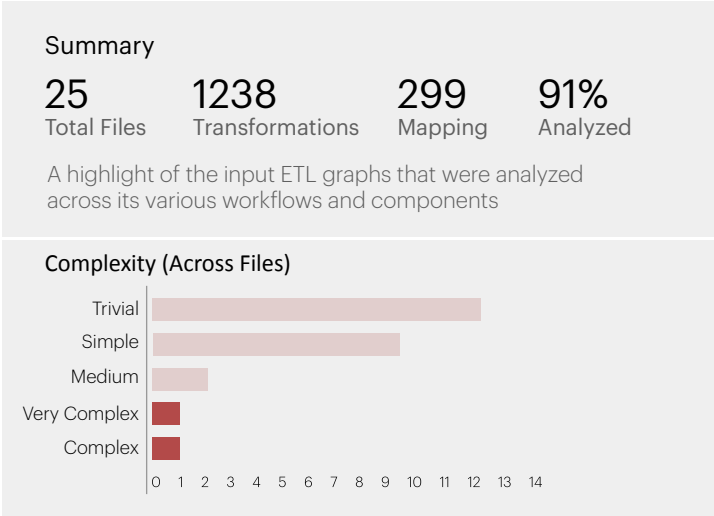
Free self-service program for Databricks Lakehouse

4x faster than manual migration

Migrating traditional data warehouses, ETL, and analytics systems to Databricks Lakehouse helps enterprises enhance scalability, reduce costs, and improve business outcomes. But the path to modernization is complex and risky. Impetus' cloud accelerator, LeapLogic assesses your entire data workload inventory to accelerate and de-risk the migration to Databricks Lakehouse.

What you get: Self-service mode

- Instant insights on entire inventory, workload complexity, and dependencies
- Integrated assessment of jobs, DML, DDL, ETL, procedures, logs, scheduler scripts, analytics scripts etc.
- Deep dive into lineage, usage patterns, resource utilization metrics, resource-intensive workloads, etc.
- Assessment report with actionable, prescriptive recommendations for files, queries, entities, jobs etc.
- Identification of schema, code, and orchestration optimization opportunities
- Architectural blueprint for Databricks Lakehouse, including components and services for storage, processing, analytics, security, etc.
- Detailed cost-effort estimate for automated transformation (available on request)
- First-hand experience of automated transformation of legacy workloads, code, and core business logic to Databricks Lakehouse equivalents



Sample of a quick mode ETL assessment

How it works

The free self-service tool profiles diverse data warehouse, analytics workloads and ETL scripts/jobs for complexity, lineage, technical debt and optimization opportunities when planning a migration to Databricks Lakehouse. All you have to do is follow these easy steps:

- Request access to our hosted self-service assessment platform (no installation needed)
- Provide basic user information
- Get login credentials over email
- Upload your scripts
- Run your assessment and transformation

Recommended Entities 369

Recommended Entities Key Resource Utilization Summary

Entity Name	Partition By	Cluster By	Bloom Filter Index	ZOrder Index	Split By	Sort By
ds_tbl_db_ss_test1	-	-	-	-	-	-
ds_tbl_db_web_sales	-	-	WS_SOLD_DATE_SK WS...	WS_ITEM_SK	-	-
Entity Name ds_tbl_db_store_sales	Partition By	Cluster By	Bloom Filter Index SS_SOLD_DATE_SK SS_L...	ZOrder Index SS_ITEM_SK	Split By	Sort By
Data Source ds_tbl_db	Entity Type	Volume	Primary Key ss_item_sk,ss_ticket_num...	Unique Key	Transactional	
No. of Buckets	Frequency of Use	Tune Based on Workload	Tune Based on Table Sizes	Compaction (bin-packing)		
	2424	-	-	-	No	-
ds_tbl_db_inventory	-	-	INV_ITEM_SK	INV_DATE_SK	-	-
ds_tbl_db_t_promotion	-	prom_promotion_id	-	-	-	-
ds_tbl_db_catalog_sales	-	-	CS_SOLD_DATE_SK CS_S...	CS_ITEM_SK	-	-
ds_tbl_db_date_dim	-	-	D_DATE_SK	D_DATE_SK D_DATE_SK	-	-

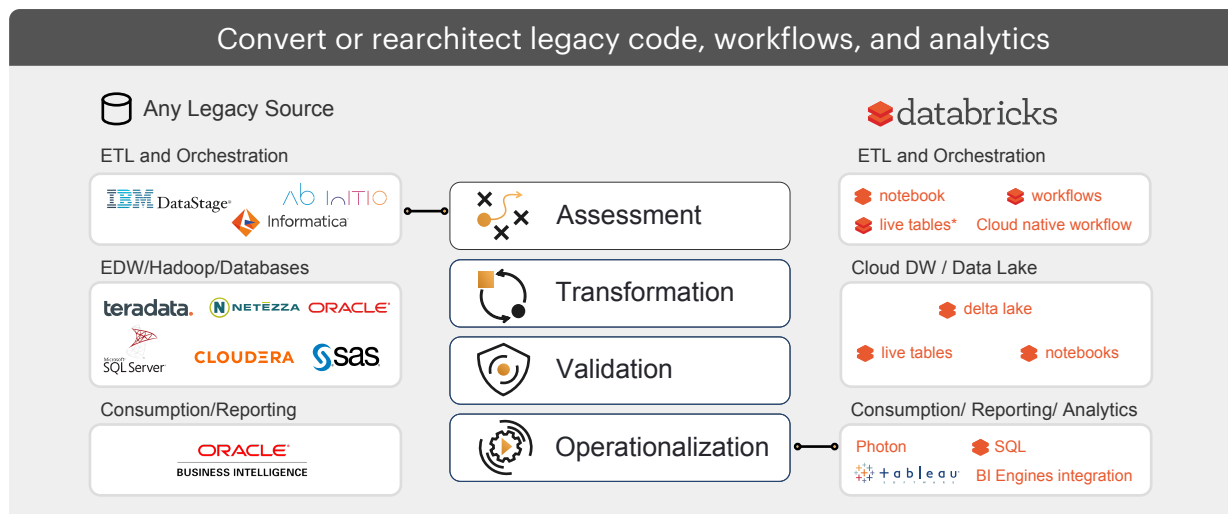
Sample of schema optimization recommendations

Beyond self-service mode: What's possible

Automated transformation of ETL, data warehouse, and analytics workloads

- Phase-wise migration plan with use case prioritization based on business goals, SLAs, and interdependencies
- Dataricks Lakehouse-specific executable packaging (such as Dataricks Notebook format) and orchestration

- Schema conversion and data migration to Delta tables
- Pipeline-based automated validation for data and queries at row and cell-level
- End-to-end transformation, orchestration, and production-ready executable code
- Operationalization and post go-live support



To see LeapLogic in action, [watch this demo](#) of automated transformation from Informatica to Databricks.

To start your workload assessment, write to us at info@leaplogic.io



LeapLogic is a product owned by Impetus Technologies Inc. Impetus Technologies is focused on enabling a unified, clear, and present view for the intelligent enterprise by enabling data warehouse modernization, unification of data sources, self-service ETL, advanced analytics, and BI consumption. For more than a decade, Impetus has been the 'Partner of Choice' for several Fortune 500 enterprises in transforming their data and analytics lifecycle. The company brings together a unique mix of software products, consulting services, and technology expertise. Our products include industry's only platform for the automated transformation of legacy systems to the any modern or cloud-native stack and Gathr - a self-service ETL and machine learning platform.

To learn more, visit www.leaplogic.io or write to info@leaplogic.io

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