

SAP BW & BW/4HANA TO DATABRICKS

Your BW flows, rebuilt as a Databricks lakehouse.

The accelerator maps every flow from DataSource to CompositeProvider, converts standard BW patterns with framework rules, uses AI only for custom ABAP, and generates bronze, silver and gold with a star schema in gold. On Azure, AWS or GCP, with the ingestion route you choose.

ONE PIPELINE, END TO END

Four steps. Each one feeds the next.

- ### 01

Map your BW

Reads metadata over RFC and maps the dependency tree from DataSource through transformations and ADSOs to CompositeProviders. Unused objects stay behind.
- ### 02

Translate the logic

Standard transformations go through framework rules. Custom ABAP routines are translated by AI into Python or SQL notebooks, each kept next to its source routine for review.
- ### 03

Generate the lakehouse

Bronze ingestion, silver conformed tables and a gold star schema: facts at the grain of your ADSOs, dimensions from your InfoObjects.
- ### 04

Deploy to your cloud

Jobs and pipelines deployed to Databricks on Azure, AWS or GCP, wired to the ingestion route you chose and registered in Unity Catalog.

HOW EACH OBJECT IS HANDLED

Rules for the standard. AI for the custom. A person for the rest.

- Framework rule

Standard patterns, no AI

InfoObjects, ADSOs, delta loads, time-dependent attributes, currency and unit conversion. Converted deterministically: the same BW object gives the same code on every run.
- AI + engineer review

Custom ABAP, reviewed

Only for custom ABAP routines. The draft lands in the same framework, with the same medallion layers, naming and data-quality checks, and an engineer reviews it.
- Human decision

Flagged, never guessed

Logic without a clean translation is flagged, together with the question that needs an answer.

WHAT IS AUTOMATED

The translation work, carried for you.

- Flow lineage, DataSource to query
- InfoObjects as dimensions with attributes and texts
- ADSOs as silver Delta tables with their keys
- Field mappings, constants and standard formulas
- Full and delta loads as MERGE logic
- Time-dependent attributes as SCD type 2
- Currency and unit conversion carried over
- Start, end, field and expert routines as notebooks
- Custom master-data lookups as joins
- Star schema design in gold
- Routines without a clean translation

WHAT LANDS IN YOUR DATABRICKS

One consistent structure, on every path.

- bronze** Raw, replayable copies of your DataSources, loaded incrementally.
- silver** ADSOs as Delta tables with their keys, loaded with MERGE logic.
- gold** A star schema: facts at the grain of your ADSOs, dimensions from your InfoObjects.
- notebooks** Custom routines as Python or SQL, next to the BW routine they replace.
- jobs** Pipelines and jobs deployed to Databricks, registered in Unity Catalog.
- lineage** Every table and notebook keeps a reference to its BW source, for reconciliation.
- predictable** Most objects go through rules, not AI, so results stay repeatable and AI cost stays limited.

Run it against your own sandbox

A 30-minute demo with your own BW flows, on a sandbox first.

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