

EXECUTIVE BRIEF · MICROSOFT FABRIC ACCELERATOR

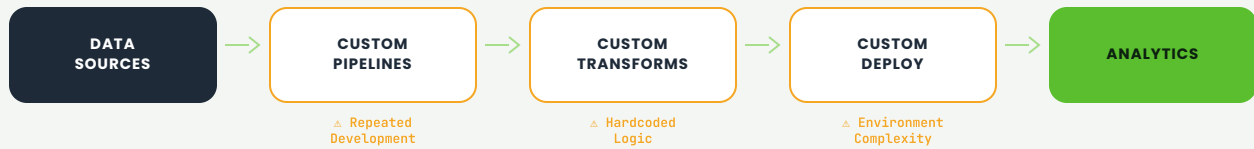
Accelerating Microsoft Fabric Success with a Metadata-Driven Framework

A scalable, repeatable path from data to insight.

Most Fabric initiatives slow down between PoC and production because teams keep rebuilding the same ingestion, transformation, and deployment patterns. MDF standardizes delivery with metadata configuration, reusable notebooks, and repeatable CI/CD deployment.

THE CHALLENGE

Why Fabric Initiatives Stall Between PoC and Production



Scaling challenges compound at every stage – time-to-value suffers

3–6 mo.
Avg. time before first insight delivered

60–80%
Of effort spent on infrastructure, not value

3–5x
Cost overrun typical on unplanned rework

THE MDF DIFFERENCE

Traditional Delivery vs Metadata-Driven Delivery

TRADITIONAL DELIVERY

Code Defines Everything.

- Each pipeline written from scratch
- Transforms rebuilt per dataset
- CI/CD configured per environment
- PoC work rebuilt again for production

VS

METADATA-DRIVEN DELIVERY

Metadata defines WHAT. Reusable components execute HOW.

- ✓ Behavior defined through YAML metadata configuration
- ✓ One standard orchestration pipeline + reusable notebooks
- ✓ Repeatable CI/CD deployment across environments
- ✓ Standardized, consistent delivery from PoC to production

Most organizations spend more time building infrastructure than delivering business insight.

– A universal challenge. MDF is purpose-built to solve it.

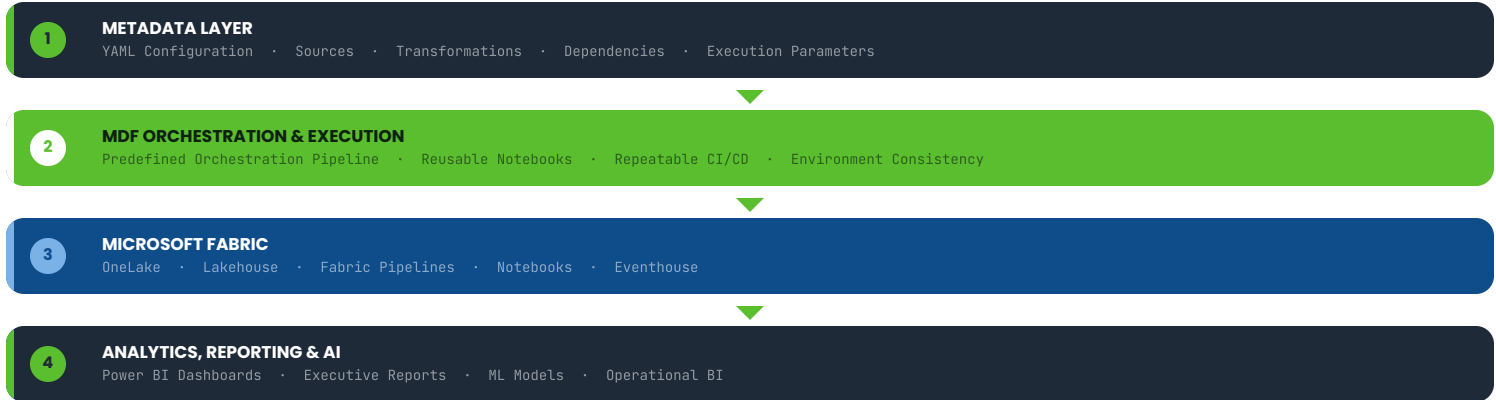
MDF SOLUTION ARCHITECTURE · MICROSOFT FABRIC

Delivering Microsoft Fabric Faster, Smarter, and at Scale

MDF is DSI's reusable solution accelerator for Microsoft Fabric — production-proven patterns that standardize Lakehouse delivery instead of rebuilding the same plumbing for each project.

HOW IT WORKS

MDF Architecture — Metadata to Microsoft Fabric to Insight



FRAMEWORK BENEFITS

Six Pillars of MDF Value Delivery



STANDARD DELIVERY STRUCTURE - BRONZE / SILVER / GOLD LAKEHOUSE PATTERN



Ready to Accelerate Your Fabric Journey?

Discover how DSI's Metadata-Driven Framework can reduce implementation risk and accelerate time-to-value for your Microsoft Fabric initiative.

<p>1</p> <p>Standard orchestration pipeline, reused across projects</p>	<p>YAML</p> <p>Behavior defined through metadata configuration</p>	<p>MDF</p> <p>Reusable solution accelerator for Microsoft Fabric</p>
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