

# Enabling Modular Data Agents in Microsoft Fabric

Context-aware AI that reasons over governed data foundations



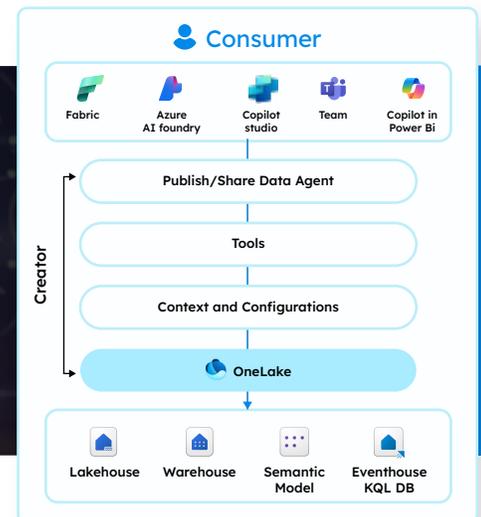
## Why Getting Answers from Data Is Still Hard—Even with Modern Data Warehousing Solution

Your data already lives in Microsoft Fabric. Yet for many organizations, access to insights remains slow, siloed, and constrained by technical bottlenecks.

- insights remain locked behind SQL, DAX, and technical expertise.
- Data is spread across systems, making cross-domain analysis manual and error-prone.
- Issues like cost overruns or margin drops are handled reactively, not proactively.
- General-purpose AI tools (e.g., ChatGPT, Claude) are not natively connected to enterprise data, which constrains reliable retrieval, reasoning, and governance.

## Introducing Data Agents

Data Agents are AI-powered assistants that reason over governed data to answer real business questions. They understand intent, query the right data across domains, and explain outcomes with context.



# Why Adopting Data Agents Is Not Plug-and-Play

Implementing Data Agents in Microsoft Fabric requires more than just enabling the tenant settings. Without the right data foundations, governance, and orchestration, data agents struggle to deliver trusted, business-ready outcomes.



## Fragmented Data Ecosystem

Inconsistent metrics and poor collaboration driven by disconnected systems, tools, and schemas.



## Limited Governance & Control

Unclear boundaries on data access and actions increase security, privacy, and compliance risks.



## Big-Bang Rollouts That Stall Adoption

Over-automation too early slows adoption instead of building confidence incrementally.



## Low Trust in Agent Outcomes

Lack of transparency and validation makes teams hesitant to act on AI-driven insights.

## Use Cases We Enable with Data Agents

### Ask → Answer

Conversational BI agents that translate natural language into accurate, real-time insights.

### Connect → Context

Cross-domain agents that correlate data across sales, marketing, operations, and finance.

### Detect → Act

Proactive monitoring agents that identify anomalies and alert teams before issues escalate.

### Know → Standardize

Knowledge agents that embed business definitions and metrics into analytics and AI workflows.

## Trusted by Leading Organizations



## Making Data Agents Business-Ready

LevelShift builds industry-ready Data Agents for enterprises, backed by 50+ Fabric-certified engineers.

Talk to our experts at the booth



Learn more about our Fabric services