



Fabric LOOM

**Simplifying Data Pipelines for
Enhanced AI and Analytics Solutions**

Fabric LOOM is a pre-built solution accelerator that utilizes Microsoft Fabric to handle the infrastructure, provisioning, orchestration, and governance of data pipelines. Like a loom weaving thread, Fabric LOOM weaves data and automates best practices for data processing within the Medallion data architecture. With Fabric LOOM, Spyglass can help you efficiently build, deploy, and manage data pipelines that adhere to Medallion standards, ensuring data quality, lineage, security, and compliance throughout the data lifecycle.

Key Features

- **Dynamic Metadata**
- **Framework**
- **Modular Data**
- **Cleansing Rules**
- **Fully Extensible**
- **Data Quality Reporting**
- **Secure Workspace**
- **Management**
- **Medallion Architecture**

The Benefits

- **Cost Savings**
- **Secure & Compliant**
- **Improved Efficiency**
- **Automates Data**
- **Low Complexity**
- **Best Practices**

Spyglass Fabric LOOM includes the following key features:

Dynamic Metadata-Driven Framework

- The pipeline employs a dynamic metadata-driven framework, ensuring adaptability and scalability. This framework allows for automated handling of various data sources and formats, providing a robust structure for data ingestion and processing.

Modular Data Cleansing Rules

- Data cleansing is applied in a modular manner, starting from the source and continuing through the Bronze and Silver layers. Each stage incorporates specific cleansing rules to ensure the data is accurate, consistent, and ready for further processing.
- Data quality rules are extensible rules that can be tailored to specific data requirements. These rules ensure that data integrity and reliability are maintained throughout the data lifecycle for any organization.

100% Extensible for Supported Sources

- The Fabric LOOM Data process is fully extensible, capable of integrating any supported data source into Microsoft Fabric. This feature provides flexibility and scalability, accommodating diverse data environments and evolving business needs.

Auto Profiles Data Quality and Processing Reporting

- Automated profiling of data quality and processing reporting is a key feature of the pipeline. This functionality provides real-time insights and metrics on data quality, helping organizations make informed decisions and maintain high standards of data governance.

Secure Tenant Baseline & Workspace Management

- A secure workspace management approach is provisioned for the foundational data landing zone on Microsoft Fabric. This approach ensures data protection and compliance with security standards, safeguarding sensitive information throughout the data lifecycle.

Spyglass MTG Can Help!

We can help you simplify data pipelines for enhanced AI and analytics solutions. [Contact Spyglass MTG today!](#)

About Spyglass MTG- A Women Owned/Women Led Company

For over 15 years, we've partnered with Microsoft to expertly deliver their vast and ever-evolving suite of enterprise solutions to clients. Specializing in Data, AI, and Security services on the Microsoft clouds, we can help you select, architect, implement, migrate to, and manage your Microsoft products. With Spyglass as your trusted ally, you can securely harness the power of Microsoft technology to drive strategic business decisions, optimize processes, predict customer behavior, spot market trends, and empower your business to stay ahead in today's competitive landscape.



Infrastructure Azure
Data & AI Azure
Digital & App Innovation Azure
Modern Work
Security