



Fabric for Education in 45 Days (FAi45 for EDU) with Loom

Create a Microsoft Fabric data and analytics solution quickly and efficiently!

The Challenge

The most common challenge in Educational (EDU) data estates is that the core platforms needed to support EDU analytics are non-existent or extremely difficult to support. Frequently, teams operate using silos of localized data and manual processes to accommodate common EDU scenarios. Microsoft Fabric proves to solve these problems, but it is oftentimes difficult and overwhelming to know where to start!

The Solution

Spyglass' Fabric Solution in 45 Days (FAi45) with **LOOM** (Large-Scale Optimized Orchestration Model) is a fast-track service for creating a Fabric Solution in the Microsoft Cloud. Using Fabric LOOM, our solution speeds up data pipeline management with a user-friendly interface, drag-and-drop features, and a variety of connectors and templates.

If you require a deeper understanding of engagement, learning patterns, national accreditation, or seek to accelerate AI in EDU, Spyglass can assist. We specialize in crafting your framework for Data Standards, Responsible Data and AI practices, and swiftly building your Microsoft Fabric solution.

With our offer, your institution will be able to:

- Understand Microsoft Fabric, its capabilities, and best practices
- Simplify the ingestion of data sources to support EDU analytics
- Quickly innovate data solutions with AI capabilities
- Accelerate additional EDU use-cases on Fabric

The FAi45 for EDU Approach

- *Strategize & Plan*
 - Governance, analytics, and architecture workshops
- *Prepare & Govern*
 - Implement Fabric governance & security framework
- *Design & Innovate*
 - Design the data solution
 - Implement the solution
 - Model the data
 - Envision AI in EDU
- *Deploy*
 - Get your solution into the hands of users, get feedback, and decide what to change or add

FAi45 Benefits

Governance

Time to Market

Flexibility

Repeatability



- **Data Consolidation and Management**
 - **Student Information Systems:** Centralize student records from admissions to graduation, facilitating better tracking of academic progress.
 - **Research Data Repository:** Create a unified data repository for research projects, making it easier to manage, share, and collaborate on academic research.
 - **Alumni Engagement:** Merge alumni contact information, donation records, and event participation to enhance engagement strategies.
- **Advanced Analytics and Business Intelligence**
 - **Enrollment Analytics:** Analyze application trends and enrollment data to optimize recruitment strategies.
 - **Course Success Metrics:** Evaluate course completion rates and student feedback to improve curriculum design.
 - **Resource Allocation:** Use predictive analytics to optimize budgeting for campus resources and services.
- **Intelligent Application Development**
 - **Personalized Learning Platforms:** Develop apps that adapt learning content to individual student's progress and performance.
 - **Campus Navigation Apps:** Integrate AI to provide real-time campus guidance and information services for students and visitors.
 - **Automated Administrative Services:** Create AI-powered chatbots to assist with student inquiries and administrative tasks.
- **Data Democratization**
 - **Student Performance:** Universities can enable faculty and administrative staff to access and analyze student performance data, enrollment trends, and research outputs to improve educational offerings and institutional management.
 - **Faculty Research Access:** Enable faculty to access and analyze institutional data for grant writing and research purposes.
 - **Student Access to Learning Analytics:** Provide students with insights into their learning habits and academic performance.
 - **Administrative Decision-Making:** Empower administrative staff to utilize data in operational decision-making processes.
- **Scalable Data Architectures**
 - **Online Learning Platforms:** Scale online course offerings to accommodate remote learning needs for a growing student population.
 - **Library Digital Archives:** Expand digital archives with scalable storage solutions for historical documents and multimedia resources.
 - **Campus Security Systems:** Enhance campus safety with scalable security systems that can adapt to growing campus footprints.

Spyglass MTG Can Help!

We can help you create an EDU Fabric Solution in Azure quickly and efficiently. [Contact us 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