

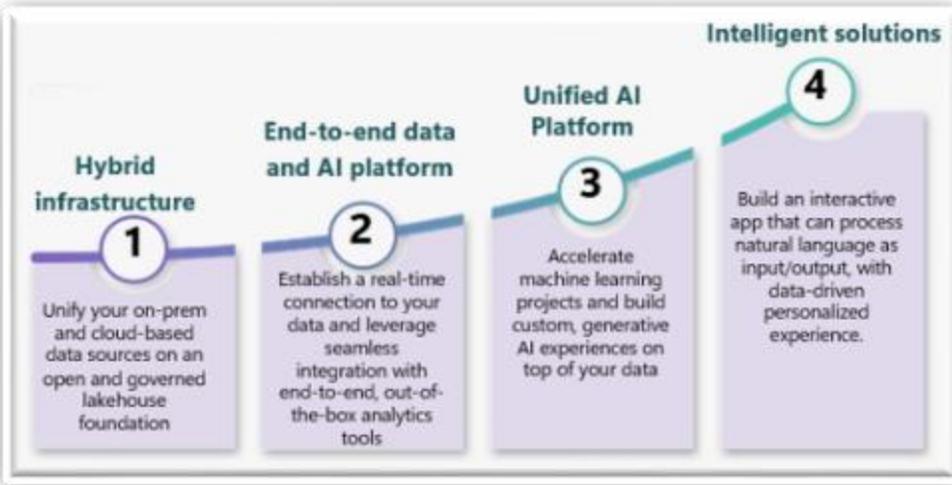


# Spyglass Constellation for Education



YOUR UNIFIED AI & DATA PLATFORM

Spyglass Constellation is your launchpad for accelerating, simplifying, and governing Data and AI transformation specifically crafted for higher education institutions. By integrating Spyglass' AI GENIE and Fabric LOOM with proprietary connectors to common Student Information Systems, Learning Management Systems and CRM platforms, including Blackboard, Canvas, Anthology, Banner, Workday and Dynamics, it offers a comprehensive foundation for developing, deploying, and managing advanced AI capabilities at scale.



Spyglass Constellation unlocks the value of student data, helping educational institutions quickly build and scale AI applications, machine learning models, RAG, batch RAG, and Agentic solutions. It streamlines federal reporting, ensuring data governance, quality, lineage, and compliance throughout the data lifecycle. The platform enhances student outcomes, operational efficiency, and academic excellence, promoting a data-driven approach to education management and innovation.

## Key Benefits

### Enhance Data Insights:

- **Unlock Hidden Value:** Leverage AI to extract deeper insights from student records, course data, faculty and staff information, and facility usage.
- **Advanced Analytics:** Use custom models and RAG applications for smarter decision-making in student registration, enrollment, and retention strategies.
- **Scalable Solutions:** Adapt insights to meet growing data and institutional needs.
- **Metadata Creation:** Add new terms, tags, and classifications to get more out of the data related to students, courses, faculty, staff, and facilities.
- **Data Governed:** Enforce catalogs, domains, policies, and quality to maintain data integrity and compliance.

### Rapid Development of RAG & AI Applications:

- **Streamline Knowledge Retrieval:** Build RAG Apps to deliver accurate, context-aware responses using your institutional data and documents.
- **Seamlessly Integrate Data Sources:** Connect to diverse data repositories, including structured and unstructured academic data.
- **Accelerate Deployment:** Utilize pre-built frameworks and tools to reduce time and bring RAG solutions to production faster, enhancing operational efficiency and decision-making.

### Customize machine learning models:

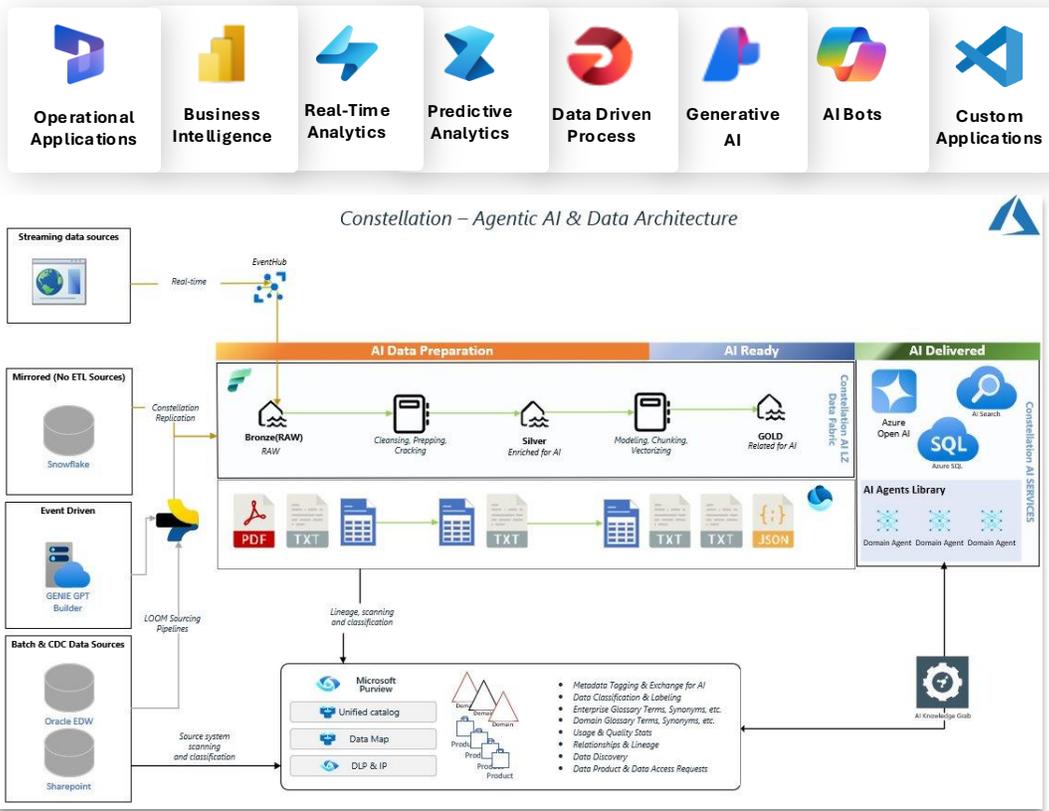
- **Tailor Models:** Customize for predictive analytics on student enrollment drops, retention rates, and cost reduction strategies.
- **Use Azure Tools:** Develop models with Azure AI Foundry, Machine Learning, Databricks, and Fabric.
- **Train Using Education Data:** Base models on extensive academic and research data in OneLake.



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



**Spyglass Constellation** is more than just a solution accelerator—it's **your strategic partner in driving innovation**, reducing costs, and staying ahead in the ever-evolving AI landscape.



## Key Advantages of Spyglass Constellation

- **Accelerated Time-to-Market:** Pre-built components and seamless integration quickly develop and deploy AI, machine learning, and generative AI solutions, achieving results faster in educational settings.
- **Unified Data & AI Ecosystem:** Consolidate your Data, AI, machine learning, and generative AI initiatives into a single platform with robust data orchestration, governance, and infrastructure management for complete efficiency.
- **Flexibility for Diverse AI Use Cases:** Supports a wide range of AI applications, from predictive analytics on student enrollment to lifelong student AI coaching, empowering innovation in educational methodologies and institutional management.
- **Cost Efficiency and Scalability:** Save time and resources with a pre-built solution accelerator. Spyglass Constellation scales with your institution's needs, ensuring long-term cost efficiency by addressing the 70% of costs attributed to people.
- **Data Quality, Lineage, and Compliance:** Built on Medallion principles, Constellation ensures your data pipelines maintain top standards of quality, lineage, security, and compliance throughout their lifecycle.
- **Streamlined Infrastructure Management:** Reduce complexity with pre-configured infrastructure provisioning and orchestration, allowing your teams to focus on student success and innovation rather than operational overhead.
- **Future-Ready Foundation:** With a robust and flexible base for future AI growth, Constellation enables your institution to adapt quickly to evolving technologies and educational demands.
- **Security and Governance at the Core:** Spyglass Constellation prioritizes security and governance, giving you peace of mind that your AI initiatives meet enterprise-grade standards for data protection and compliance, crucial in higher education.