

Higher Education Data Solutions

Enhance Student Success and Institutional Efficiency with a Modern Data Architecture

Business Challenge

Colleges and universities often struggle to gain valuable insights due to data being siloed across various systems such as Student Information Systems, Learning Management Systems, and Financial Management Systems. This fragmentation hinders comprehensive analysis and data-driven decision-making, impacting student success and operational efficiency. A unified, scalable, and cost-effective data lakehouse approach has been proven to unlock the potential of institutional data and drive meaningful outcomes.

Solution Summary

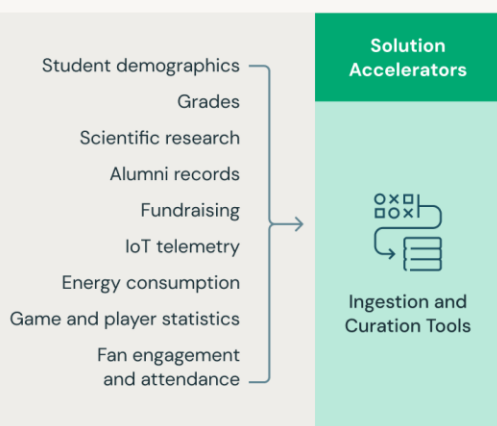
Infinite's Higher Education Data Solutions leverage the Databricks Lakehouse architecture to enhance your institution's data capabilities. Our comprehensive solutions start with a foundational Data Lakehouse Implementation. We then build upon this solution to support Student Persistence, Operational Efficiency, Financial Management, and more. By integrating advanced analytics and AI, we provide scalable, cost-effective solutions tailored to your educational needs.

Benefits and Value Realization

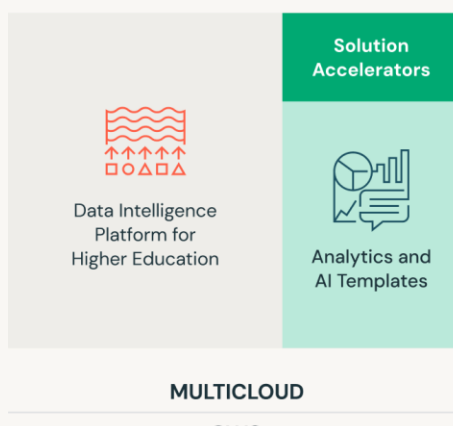
- **Actionable Insights:** Empower faculty and administrators with data-driven insights.
- **Enhanced Student Outcomes:** Utilize predictive analytics to identify at-risk students and improve retention and graduation rates.
- **Personalized Student Support:** Provide tailored interventions and support services based on individual student data to enhance their success and well-being.
- **Operational Efficiency:** Streamline processes and optimize resource allocation.
- **Scalable and Flexible:** Easily expand to include additional data sources and use cases.

Databricks for Higher Education

ALL YOUR DATA



REAL-TIME AND RELIABLE

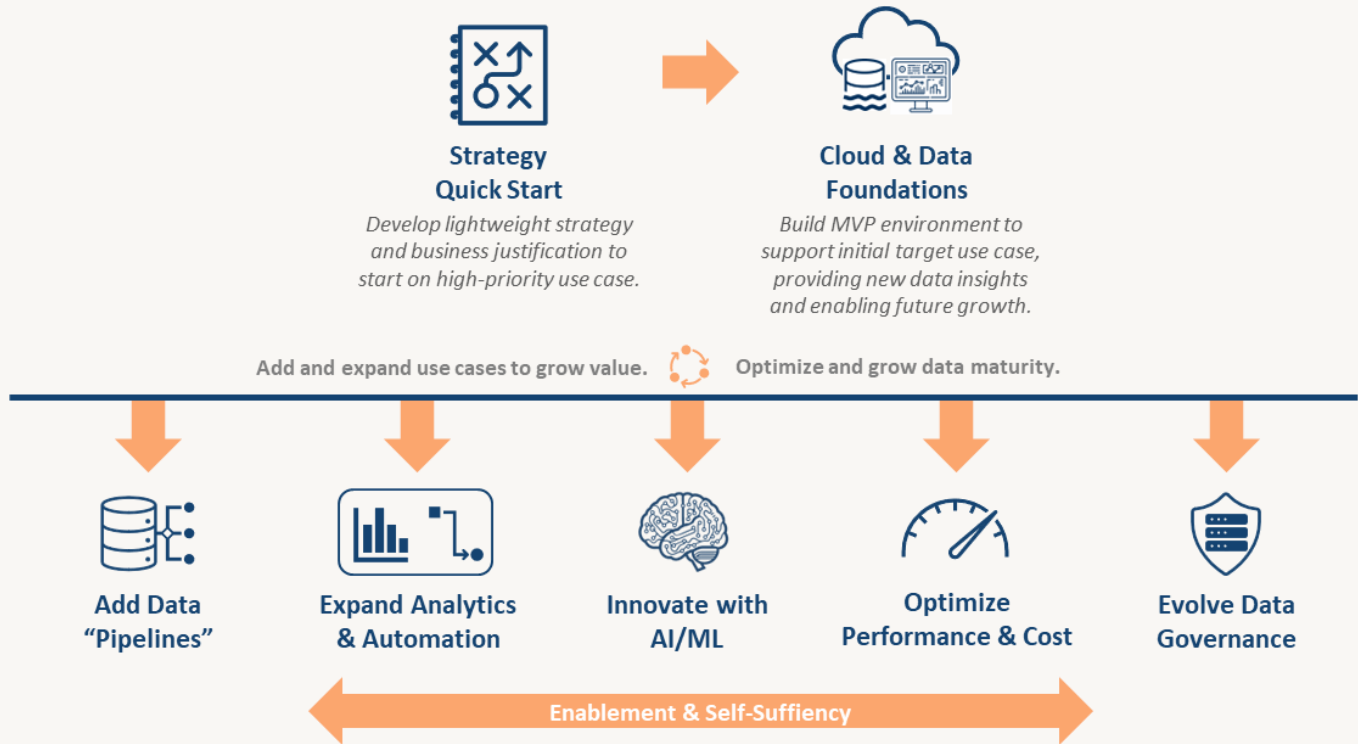


ALL YOUR USE CASES



Getting Started

Infinite makes it easy to enhance your institution's data capabilities with cost-effective and robust solutions built on the Databricks Lakehouse platform. Our approach begins with a quick data strategy assessment, followed by building a foundational data lakehouse for a target use case. Next, build upon this foundation to implement new use cases and capabilities tailored to your specific needs.



Solution Packages

| | Strategy & Planning Only | Starter Data & Analytics Package | Advanced Data & Analytics Package | AI Foundations Package | Advanced + AI Package |
|--|--------------------------|----------------------------------|-----------------------------------|------------------------|-----------------------|
| Quick Start Data Strategy Planning and budgeting | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cloud Foundations Stand up an AWS cloud environment for future Lakehouse | | ✓ | ✓ | ✓ | ✓ |
| Data Foundations Create an MVP lake house + data pipeline + dashboard | | ✓ | ✓ | ✓ | ✓ |
| Additional Data Sources Expand a use case or add a new one with additional data | | | ✓ | | ✓ |
| 2nd Dashboard Expand a use case or add a new one with an additional dashboard | | | ✓ | | ✓ |
| AI Proof-of-Concept Explore predictive analytics or generative AI | | | | ✓ | ✓ |
| Production Readiness Smooth transition and readiness for production deployment | | ✓ | ✓ | ✓ | ✓ |