Delivering a brighter future in higher education through data + AI

Higher education institutions are facing a dilemma as they modernize to deliver data-driven use cases designed to better support student success and the needs of their institutions. From massive increases in data and lack of technical resources to the rising competitive landscape and the constant threat of cyber attacks, colleges and universities are pushing to innovate faster in an effort to improve operational efficiencies, accelerate groundbreaking research and deliver better student outcomes.

Creating pathways to student success

Western Governors University strives to make higher education accessible for as many people as possible through the analysis of Situation-Behavior-Impact (SBI) data — improving student retention and graduation rates.

WGU WESTERN GOVERNORS UNIVERSITY

140,000+
online students

80+ TB
of data

3x faster
time to insights

Common use cases

Across higher education, data and AI are providing the insights and predictive capabilities that will pave the future of innovations to accelerate academic research, protect sensitive information from cyberattacks and deliver on student retention and success initiatives.

IT MODERNIZATION
Eliminate technical barriers to boost campus efficiency and data-driven innovation

ADVANCEMENT, ALUMNI, AND ATHLETICS
Strengthen relationships, fundraising, and sports performance

STUDENT SUCCESS AND ENGAGEMENT
Deliver personalized learning to improve student outcomes and engagement

CYBERSECURITY
Safeguard sensitive information and ensure student data privacy with robust cybersecurity measures

ADVANCING ACADEMIC RESEARCH
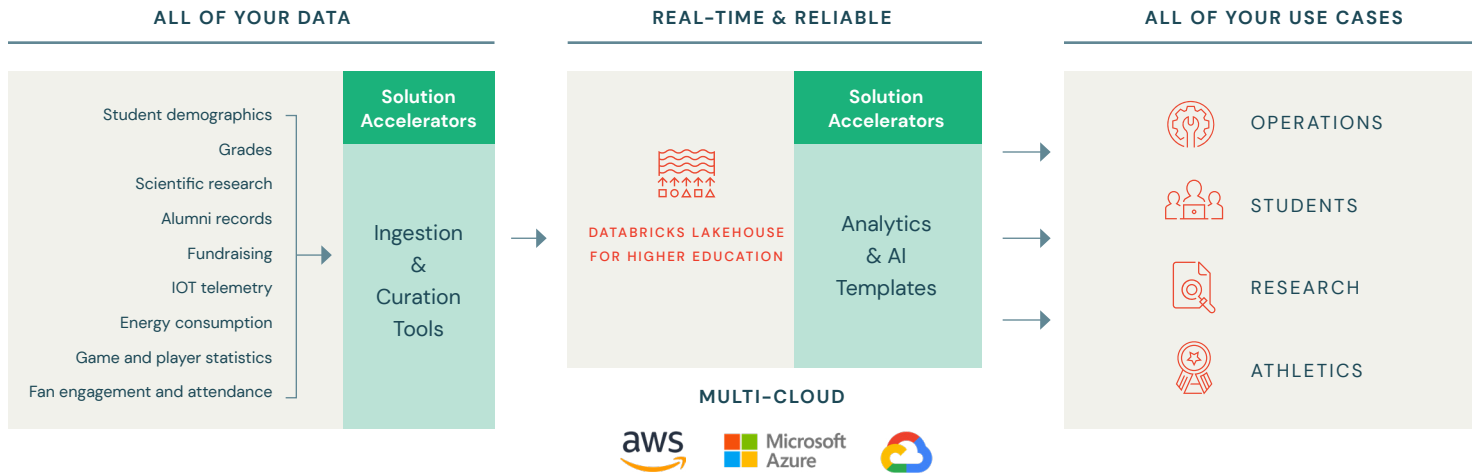Fuel groundbreaking discoveries through advanced analytics and AI

OPERATIONAL EFFICIENCY AND PREDICTIVE MAINTENANCE
Optimize campus operations for performance and cost efficiency

Transform higher education with the Databricks Lakehouse

Bring together all of your disparate data into a single, open and collaborative platform, that supports all of your data, analytics and AI workloads — from data engineering to business intelligence and data science — delivering unprecedented results to data-driven institutions.

ALL OF YOUR DATA	REAL-TIME & RELIABLE	ALL OF YOUR USE CASES

Student demographics
Grades
Scientific research
Alumni records
Fundraising
IOT telemetry
Energy consumption
Game and player statistics
Fan engagement and attendance

Solution Accelerators

Ingestion & Curation Tools

DATABRICKS LAKEHOUSE FOR HIGHER EDUCATION

Solution Accelerators

Analytics & AI Templates

MULTI-CLOUD

aws

Microsoft Azure

OPERATIONS

STUDENTS

RESEARCH

ATHLETICS

databricks
University Alliance

Pioneering data and AI education for tomorrow's innovators

Databricks came from academia and has chosen to focus on building a robust pipeline of university graduates skilled in data and AI tools. Over the past three years, Databricks has invested more than $5M in university-led courses, whether it be employee volunteer hours, high-end compute workspaces for classrooms, or cloud resources for storage and computation.

For information on how your institution's faculty can participate in this community of more than 650 institutions worldwide, please visit **www.databricks.com/university.**

Duke UNIVERSITY

UNIVERSITY OF EDINBURGH Business School

KADİR HAS UNIVERSITY

GT Georgia Tech.

UCL

Berkeley SCHOOL OF INFORMATION

Leading higher education institutions trust Databricks:

MUSC Medical University of South Carolina

UC San Diego Health

Flinders University

FLORIDA STATE UNIVERSITY

MONASH University

VANDERBILT UNIVERSITY MEDICAL CENTER

WGU Western Governors University

NYU

NORTH DAKOTA UNIVERSITY SYSTEM

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