

PATH TO REVOLUTIONIZE
YOUR CAMPUS WITH

BIG DATA



It is not enough to collect data from disparate locations, mine metrics and report. It's **everything** to achieve actionable analytics and drive results.

Big data from online learning systems, social media, and educational games is transforming the data warehouse landscape.



Institutions are shifting from traditional on-premises to modern, cloud-based data warehouses.

CLOUD BENEFITS

- ➔ Quicker Implementation
- ➔ Increased Scalability
- ➔ Sophisticated Analysis

WHAT'S TRENDING



Data Warehousing as a Service
Let service provider manage hardware and software.



Data Lakes
Store and analyze unrefined data to drive insight and decisions.



Machine Learning and Analytics
Increase student success and retention through predictive AI.

KEY TAKE-AWAYS

- Define a long-term road map.
- Start with a strong team, then explore the tools.
- Document data decisions in a centralized, accessible location.
- Convince leadership to commit and use results for action.
- Be audacious. Don't be afraid to take a few risks. Keeping the status quo will not solve problems.

BEST PRACTICES

- 1 Understand business and IT pain points.
- 2 Include agile product owners on your team.
- 3 Establish a Data Governance Council.
- 4 Vet your plans with a cloud SME.
- 5 Start small, iterate often, then scale big.

Tell Me More

There is so much more to share. Visit our other reports about big data:

Data Warehouse Best Practices

thetambellinigroup.com/reports/date-warehouse-best-practices

Building an Enterprise Analytics and BI Practice in Higher Education

thetambellinigroup.com/building-an-enterprise-analytics-and-bi-practice-in-higher-education