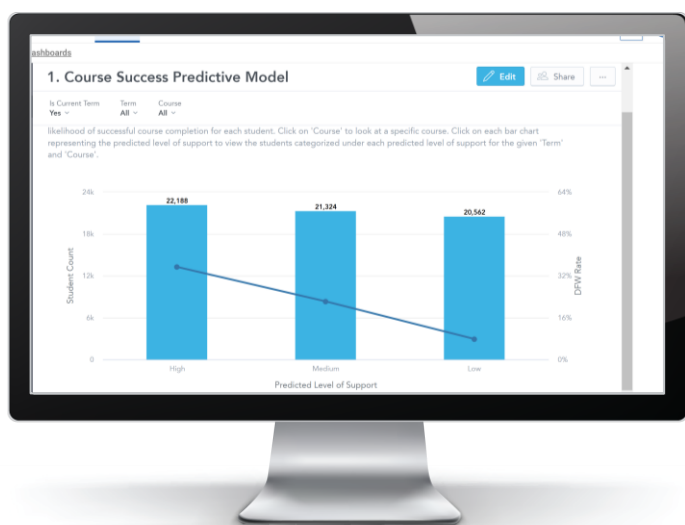


LMS-PREDICTED COURSE SUCCESS

Edify Accelerators take advantage of the data organization and flexibility provided by Edify’s data model, helping schools go deep into topical areas with templated dashboards to find answers to their specific questions. The LMS-Predicted Course Success Accelerator is designed to offer academic deans and department chairs early insights into student progress and concerns for their ultimate success. This data can then be used to inform further conversations with advisors and faculty. This Accelerator enables your teams to help advisors deploy resources to students earlier (tutoring, accommodations, etc.) and support faculty in efforts to improve student outcomes.



Help Academic Leaders identify high-demand courses for support allocation

Gain insights into which courses have students that need more support and how you can adjust instruction or syllabus

Predict student-specific needs for support early in the term

Use academic history and current-term LMS data to understand potential student needs for extra support resources in a given class

Obtain a holistic view of student course performance

Gain comprehensive insights into student’s current and past course LMS data, informing a full picture to inform advising conversations

How Edify Accelerates Insight to Action

BRING DATA TOGETHER *for better, data-informed decision making*

Incorporate elements from **SIS** (academic history) **and LMS** (assignment, quiz, and discussion posts) **data**

Inform **cross-campus collaborators** such as your Academic Deans, Department and Program Chairs, Faculty members, and Advisors

ANSWER YOUR KEY QUESTIONS

1. Which courses in my department or college could use additional tutoring and support resources?
2. Which students should we reach out to for targeted interventions?
3. Which pieces of a course curriculum are throwing students off the most (assignments, quizzes, etc.)?

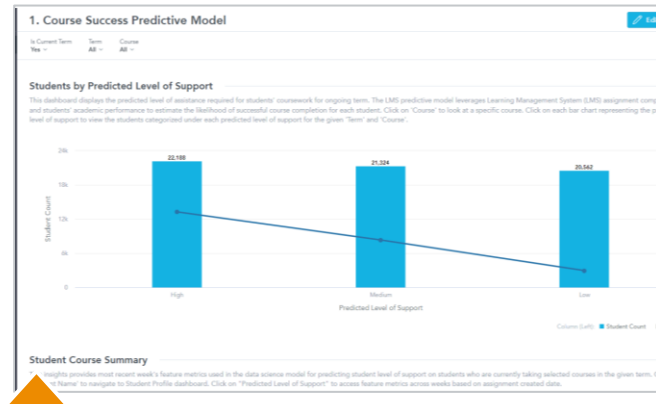
DRIVE OUTCOMES FOR STUDENTS

With the LMS-Predicted Course Success Accelerator, our partners achieve:

- Live support-level predictions based on daily course data provided by the LMS
- Interventions are targeted to students in need at scale and while they still have time to course-correct

Customizable Dashboards to Make Sense of Your Data

The following KPIs incorporate data from various sources, including your Student Information System (SIS) and LMS.



Dashboard 1: Course Success Predictions

- Select a specific department, course, section, or instructor of interest
- Understand predicted level of support required for students based on LMS assignment, quiz, discussion post data
- Analyze how predicted level of support aligns with historical course DFW data

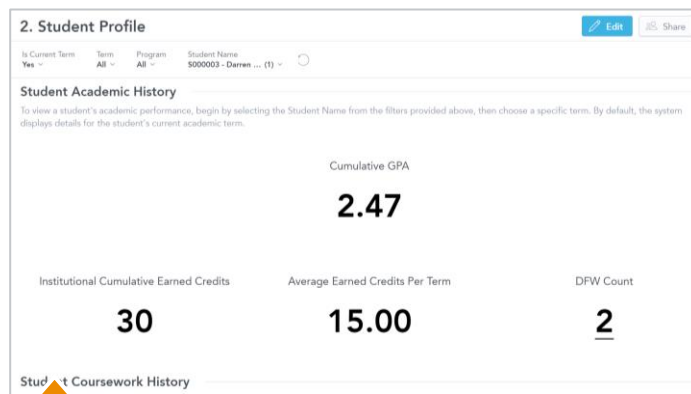
1. Course Success Predictive Model

Student Course Summary

This insight provides most recent week's feature metrics used in the data science model for predicting student level of support on students who are currently taking selected courses in the green term. Click on "Student Name" to navigate to Student Profile dashboard. Click on "Predicted Level of Support" to access feature metrics across weeks based on assignment created date.

Student Name	Primary Major	Section ID	Predicted Level of Support	Average Percentile Rank for Assignment Submissions	Average Percentile Rank for Quiz Submissions	Average of All
5000081 - Nathaniel Barnes	ACCT-002 - Accounting and Business	SEC48106	Low	41.00%		0.65
5000097 - Linwood Heath	ECON-003 - Economics General	SEC48106	Low	85.00%		0.92
5000082 - Gentryn Tuley		SEC03051	Medium	47.00%		0.34
5000493 - Elan KVA	ACCT-002 - Accounting and Business	SEC03160	High	84.00%		0.75
5000528 - Emeraldie Dickerson	ENG-002 - Creative Writing	SEC09100	Low	92.00%		0.88
5000596 - Elan Everett	ECON-002 - Finance	SEC29394	High	81.00%		0.70
5000718 - Mallie Cotton	BUS-001 - Business Administration	SEC24171	High	39.00%		0.36
5000914 - Ikhia Combe	MUS-003 - Music	SEC24171	Medium	49.00%		0.61
5000983 - Tanner Higgins	ECON-003 - Economics General	SEC48106	Low	65.00%		0.23
5001010 - Misti Clemons	BUS-002 - International Business	SEC28162	Medium	89.00%		0.99
5001021 - Chase Marlowe	ECON-001 - International Economics	SEC48303	High	93.00%		0.21
5001047 - Elbert Wyatt	NUR-001 - Registered Nursing	SEC28162	High	44.00%		0.65

- Drill down to individual student level data to analyze common factors leading to the need for support—click on a student to view their student profile on Dashboard 2
- Understand if the support level is driven by specific factors such as, assignment submissions, quiz submissions, grades, or discussion engagement



Dashboard 2: Student Profile

- Select a specific student of interest.
- Gain a quick snapshot of the student's academic history including GPA, cumulative credits, credits per term, and DFW count
- View historic coursework data from the LMS to better understand a student's current standing
- View data on multiple assignment and quiz attempts to provide a full picture on student academic behavior

2. Student Profile

Count of Assignments with Late Submissions	Average Assignment Attempts	Average Quiz Attempts
38	1.52	1.95

Student Coursework

This insight offers a comprehensive overview of student academic performance across all courses undertaken in a specific term. It integrates relevant Learning Management System (LMS) assignment completion data, along with a predictive analysis of the required level of support. To delve into all the week's feature metrics utilized in our data science model for predicting support levels, simply click on "Predicted Level of Support".

Term	Course	Section ID	Last LMS Login Date	Last LMS Submission Date	Midterm Grade	Predicted Level of Support	LMS Assignment Completion	Average
Spring 2024	POL260 - Organizational Leadership	SEC24151	(empty value)	08/05/2013	D	Medium	93.75%	
		SEC29928	(empty value)	08/01/2024	C	Low	100.00%	
	POL350 - Politics and Economics of International Energy	SEC12435	(empty value)	02/22/2015	D	Low	100.00%	
		SEC20811	(empty value)	07/01/2005	D	Medium	93.75%	
		SEC34432	(empty value)	01/07/2021	A	Medium	93.75%	

- View course-by-course level of support predictions for the selected student.
- Dig into the week-by-week data from the LMS which all informs the data science model predicting the level of support for a specific course

Please note, we are dedicated to deliver these dashboards based on any source data it requires, we are very flexible. Metrics used in the dashboards are equally flexible and can be changed on demand by your team or in partnership with your EAB service team.

Analytics for Key Collaborators Across Campus

Every Edify workspace is designed to answer a common set of business questions that higher education leaders face. The LMS-Predicted Course Success Accelerator empowers deans and department chairs with data to inform their student success work. The data illuminate early insights into student progress and potential areas of concern, informing conversations with faculty and academic advisors.

Academic Deans and Department Chairs

Data Insights...

- **Course-Wide Trends:** Understand trends across courses under their purview to inform course planning, student success strategy, and curriculum
- **Support Factors:** Pinpoint factors most impacting student academic behavior, such as discussion engagement, assignment submissions, and quiz submissions
- **Predicted Level of Support:** Understand which students may benefit from additional support based on their likelihood of successful course completion

...Inform Conversations with Colleagues

Academic Advisors

Questions

- Which students are predicted to need medium or high levels of support?
- How has LMS utilization in the past helped to predict course success?

Potential Actions

- Implement an intervention campaign with students predicted to need high and medium levels of support.
- Focus advising conversations on the value of on-time assignment submissions and the optimal number of quiz attempts.

Faculty

Questions

- In which of my courses are students struggling the most to succeed?
- Who in my courses may benefit from additional instructional support?

Potential Actions

- Arrange additional support offerings, like Office Hours, for students.
- Adjust instruction, syllabus, or curriculum, if appropriate.



Interested in Learning More?

Contact your Strategic Leader or
edifypartnersuccess@eab.com.