

LEARNING ANALYTICS IN HIGHER ED

A GUIDE TO GETTING
THE RIGHT DATA TO
THE RIGHT PEOPLE

NO MATTER WHO THEY ARE



INTRODUCTION

In colleges and universities around the globe, both online and traditional, crucial technologies like Learning Management and Student Information Systems serve as the tech foundation for all academic activities. Everyone within an institution is tied to these and other platforms to interact, manage coursework, and track progress. Yet, there are often offices on campus missing the in-term LMS data they need to be able to make real-time impacts on educational outcomes.

How is your institution currently tapping into that system data to illuminate what's happening with a student, an instructor, a course, or another aspect of the learning experience?

Data is only valuable when it delivers insights that can be acted upon. The challenge has always been ensuring the right data gets to the people who know what to do with it, in a form they can actually understand and utilize.

BUILT FOR EDUCATION

The **IntelliBoard Learning Analytics Platform** was built to help institutions transform the way they **deliver, utilize, and take action** from learning data. Centering on LMS data, with the option to add SIS information, IntelliBoard seeks to speed the delivery of valuable insights to diverse roles within the learning community.

More than 150+ pre-configured, made-for-education reports and dashboards make it easy to give users access to the data they need without having to sift through extraneous information. The result is near real-time data with built-in analysis ready for action delivered to:

- Academic Leadership
- Advisors
- Athletic Coaches
- Financial Aid Officers
- Instructors
- Instructional Designer
- Learners
- Registrars
- System Administrators

The following pages focus on the challenges faced by each role and how targeted learning analytics data can make an impact.

ACADEMIC LEADERSHIP

Academic Leadership oversees the complex ecosystem of academic programs, faculty performance, policies to promote academic excellence and innovation, and learner outcomes at the institutional level. Leadership includes Provosts, Deans, Department Chairs, and School Directors—the individuals responsible for ensuring the quality of education, aligning academic programs with institutional goals, and managing resources effectively.

The breadth of responsibilities for Academic Leadership encompasses both the strategic and relational.

CHALLENGES

Overseeing academic programs, faculty performance, and learner outcomes demands a significant amount of time and resources, making it difficult to focus on strategic improvements. Without efficient tools to consolidate and analyze data, leadership may struggle to prioritize tasks and make data-driven decisions quickly.

Without a single, centralized platform to interpret the large volumes of data and deliver actionable insights, Leadership must grapple with the time consuming need to access, analyze, and take action from multiple disparate systems.

- **Lack of Timely Data**
 - Lack of access to learning data to illuminate instructor behavior and course trends to support timely interventions.
- **Non-Standardized Academic Quality**
 - Varied teaching styles and course structures complicate efforts to standardize across departments.
 - Inconsistent grading practices and instructor engagement levels affect overall outcomes.
- **Proving Intervention Strategies Success**
 - Measuring the long-term impact of intervention strategies doesn't work without data.
- **Identifying At-Risk Learners**
 - Complex and time-consuming across courses and departments.
 - Requires early identification of disengagement patterns to intervene effectively.



IMPACT OF DATA

Relevant data helps academic leadership make informed decisions around day-to-day issues like enhancing retention and improving learner engagement and performance. Academic Leadership needs a solution that can deliver actionable, at-a-glance analytics to them quickly and easily.

IntelliBoard delivers data insights that address the challenges faced by Academic Leadership. Curated role-based reports and dashboards answer key questions and guide informed decisions:

- Which courses are the most successful?
- How many learners have never accessed a course?
- What criteria defines a successful instructor?
- Is our risk intervention strategy effectively improving learner outcomes?
- How early can we predict at-risk students?
- How can we ensure consistency in academic quality across departments?

AT-A-GLANCE ANALYTICS

IntelliBoard's dashboards (containing multiple reports) are topic specific to speed insights and ease the burden on stretched Academic Leadership. Here is a sample of the dashboards and reports available.

- **Instructor Behavior Dashboard** - Displays daily detailed information about instructor behavior within courses and with learners, and time spent for all course activities.
- **Projected DFW Risk Dashboard** - Quickly identify courses with high D/F grades and withdrawal rates. Categorize grades into high, mid, and safe risk zones.
- **Inactive Users in Courses Report** - Identifies users who have not accessed a course over a particular time period.
- **Course Grade Distribution Report** - Assess overall learner performance trends, identifying groups of learners who may need support or intervention based on average grades.
- **Needs Grading Dashboard** - Displays the number of ungraded submissions in each course and activities learners have submitted that still need grading.
- **Page Views By Tools Report** - Analyze and identify which course tools are utilized most/least, aiding in course design and resource allocation.
- **Course Verification Report** - Verify course details and monitor course activity to maintain academic standards and support program oversight.

WATCH & LEARN



ACADEMIC ADVISORS

As the key advocates for learner success, Academic Advisors provide personalized guidance and support throughout the educational journey. Working closely with learners to monitor progress, identify areas of risk, and intervene when necessary, Advisors are often the first line of defense for students who may be at-risk.

CHALLENGES

With a roster of students usually numbering in the hundreds, it can be difficult for Advisors to establish and maintain persistent, personal connections with their learners. Mandated to track the ongoing performance of all students and identify those that are underperforming or disengaged, Advisors must establish consistent communication and intervention strategies to prevent enrollment loss.

As the the champions of student success, Advisors need to prioritize outreach and engage students meaningfully all year. It's crucial to know which students are at risk at any point during the school year...not just when grades are posted.

- **Overwhelming Number of Learners to Advise**
 - It's difficult to effectively monitor the engagement and course participation of hundreds of students.
- **Identifying At-Risk Learners Early**
 - How do you predict which learners may become at-risk without real-time data?
- **Tracking Engagement Across Courses**
 - Limited visibility into how learners interact with course materials and tools makes it hard to identify where support is needed.
- **Keeping Up With Communications**
 - The volume of learners needing outreach makes prioritizing communications difficult.
- **Data Overload**
 - Difficulty interpreting large volumes of data from multiple systems and translating it into actionable insights.



DATA IMPACT

Data is the crucial connection point that allows Advisors to identify at-risk learners at the earliest stage and engage in the timely communication and intervention strategies that can boost retention. Learning Analytics combining both LMS and SIS data can provide Advisors with a consistent way to proactively predict, identify, and engage with at-risk learners while also tracking the overall academic performance of the rest of their students. Common questions Advisors need to focus on include:

- Which learners are at risk in multiple courses?
- What is the overall activity and progress for a particular learner across all courses?
- How can we predict learners who may become at risk before it's too late?
- Is there a correlation between communication efforts and learner success?
- What kind of consistent support do students not at risk require?

INSIGHTS FOR EARLY INTERVENTION

With reports and dashboards from IntelliBoard tailored to their role, Advisors can communicate and share data with learners directly through the reports, enabling a consistent approach to outreach. A sample of reports of interest to Advisors include:

- **Learner Success Dashboard** - Highlights learners whose total course average is 59 and below, between 60-69, and 70+ to help identify which learners are at-risk. Users can see detailed records of learner activities and dates.
- **Inactive Learners in Courses Dashboard** - Track the active enrollments of learners who have never accessed a course or been inactive for a particular time period.
- **At-Risk Learner Dashboard** - Quickly identifies at-risk learners (with a grade of 59 or below) across their various courses. Also displays cumulative learner performance across all active courses.
- **Missing Learner Submission Report** - Enables Advisors to monitor submissions to ensure attendance requirements are met to reduce the learner's accidental academic withdrawal.

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REGISTRARS

The Registrar plays a critical role in maintaining the integrity and accuracy of academic records. Whether managing the registration process, ensuring compliance with institutional policies and government regulations, or overseeing course schedules, the Registrar is an integral part of enrollment strategies and institutional planning.

CHALLENGES

The need to balance the accessibility, security, and accuracy of student records is paramount for the Registrar. Supporting compliance with state and federal regulations related to financial aid, learner records, and data privacy requires meticulous oversight of information. This is in addition to ongoing coordination of registration and maintenance of a complex academic calendar. This goes hand-in-hand with monitoring enrollment trends and learner demographics, as well as transfer, and graduation rates.

Managing learner records, enrollment processes, and academic scheduling at an institutional level is a tremendous undertaking. It's crucial that Registrars ensure the accuracy and confidentiality of data while also making it accessible as needed to institutional stakeholders.

- **Ensuring Data Accuracy and Integrity**
 - Maintaining up-to-date learner records is a top priority given the impact on financial aid eligibility, academic standing, and graduation timelines.
 - Frequent changes in enrollment and course offerings make it a delicate juggling act.
- **Complex Course Schedules**
 - Ever-changing course offerings must be balanced against learner demand, faculty availability, room scheduling, and institutional need.
- **Evolving Compliance Regulations**
 - Constant vigilance is required to stay compliant with regulations regarding privacy, accreditation, and financial aid.
- **Tracking Trends is Time Consuming**
 - Monitoring enrollment and retention trends (among others) requires collaboration across departments.
- **At-Risk Tuition Rate Tracking**
 - Projecting the potential loss of tuition revenue without real-time data is complex.



DATA IMPACT

In a role critical to supporting the smooth operation of academic programs and ensuring that learners meet graduation and regulatory requirements, Registrars can reap big benefits from real-time Learning Analytics.

With IntelliBoard, Registrars gain at-a-glance answers to questions including:

- How many tuition dollars are at risk this semester?
- Which courses do have/will have high DFW rates?
- How do we ensure compliance with federal financial aid requirements?
- What is the best way to track enrollment counts?
- How can we improve retention and graduation rates for at-risk learners ?

OPERATIONAL SUPPORT FOR STUDENT SUCCESS

Delivering reports and dashboards built specifically to ease the burden of the Registrar, IntelliBoard simplifies tracking enrollment trends, supporting compliance documentation, identifying at-risk students and tuition dollars, predicting potential courses with high DFW rates, and providing in-term data for proactive planning. A sample of reports targeting Registrars include:

- **First Submission Monitoring Dashboard** – Often used as a base for Census reporting, track learners’ initial first submission activities and identify missing learners without active participation.
- **Projected DFW Risk Dashboard** – Built to monitor course progress, quickly identify courses with high D/F rates or withdrawn students and compare performance data with indicators that suggest a course/learner is at risk of poor outcomes.
- **Learner Activity Submission Progress Report** – Detailed insight into learner progress across courses, particularly tracking completion rates.
- **Last/Never Learner Submission Report** – Used for attendance and participation monitoring, identifies learners with active course enrollment and where/whether they have completed an activity.
- **Course Readiness Report** – Ensures all courses are properly configured and operational and align with academic schedules.
- **User Course Enrollment Verification** – Verifies the accuracy of learner enrollments, ensuring learners are correctly assigned to courses and discrepancies are resolved in a timely manner.

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FINANCIAL AID OFFICERS

These hard working individuals are responsible for managing the distribution of financial resources to support learner access and success. Financial Aid Officers play a crucial role in evaluating learner eligibility, distributing funds, and ensuring compliance with financial regulations.

CHALLENGES

It is quite the responsibility to track and monitor the financial aid eligibility for every learner within an institution. Financial Aid Officers must navigate the complexities of federal, state, and institutional policies to ensure compliance while striving to maximize aid opportunities for students. Additionally, Financial Aid Officers play a critical role in balancing institutional goals with the equitable distribution of funds. All this while managing the emotional and practical challenges of helping students struggling to afford their education.



Financial Aid Officers are the backbone of access to education. Whether verifying student eligibility or ensuring compliance with federal regulations, their primary charge is a deep understanding of the financial outlook of the institution and its students.

- **Identifying Student Eligibility Risks**
 - Which learners are at risk of losing financial aid due to academic or personal challenges and need help?
 - There's limited time/resources to manually track and monitor eligibility across student body.
- **Balancing Data Management & Learner Support**
 - An overwhelming administrative workload (data entry, reporting compliance tasks) competes with personalized learner support.
- **Providing Timely Communication**
 - Limited capacity to provide regular, communication and support to learners about their financial aid status, deadlines, and updates.
- **Data Overload**
 - Translating and verifying large volumes of data from multiple systems/programs before taking action can lead to delays in funds disbursement.

DATA IMPACT

By analyzing learner financial data and monitoring trends, financial aid teams can help keep students in school and ensure equitable access to education. Data-driven insights help financial aid professionals make informed decisions on who needs support, how to optimize funds allocation, improve compliance with regulations, and ensure resources are directed where they are needed most.

With IntelliBoard, Financial Aid Officers can gain insight from data that helps them answer crucial questions including:

- How many tuition dollars and/or scholarships are at-risk of being lost this semester?
- How can we predict which students have a high D/F risk and may be at risk for losing a scholarship/financial aid?
- How can we track online course attendance for federal financial aid reporting purposes?

INDIVIDUAL FISCAL INSIGHT

A specific set of dashboards and reports have been created by IntelliBoard that specifically deliver critical information to Financial Aid Officers. Leveraging this data allows them to proactively identify students (and subsequent dollars) that may be at risk, and streamline reporting for federal financial aid reporting. Some of the reports geared towards Financial Aid Officers include:

- **First Submission Monitoring Dashboard** - Often used as a base for Census reporting, this dashboard tracks the initial first submission activities and identifies missing learners without active participation.
- **Learner Success Dashboard** - Highlights learners with total course average below 59, between 60-60, or over 70 to help identify who is at-risk. Financial Aid Officers use this data to ensure learners meet Satisfactory Academic Progress (SAP) standards, a requirement for continued financial aid eligibility.
- **User Course Enrollment Verification Report** - Confirms the accuracy of user enrollment and ensures alignment for compliance and financial aid reporting.
- **Last/Never Learner Submission Report** - Used for attendance and participation monitoring, identifies learners with active enrollment in a course and where/whether they have completed an activity.
- **User Status Summary Report** - Displays cumulative user performance across the entire LMS to identify users who have low average course grades and might be at risk of losing financial aid.

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ATHLETIC COACHES

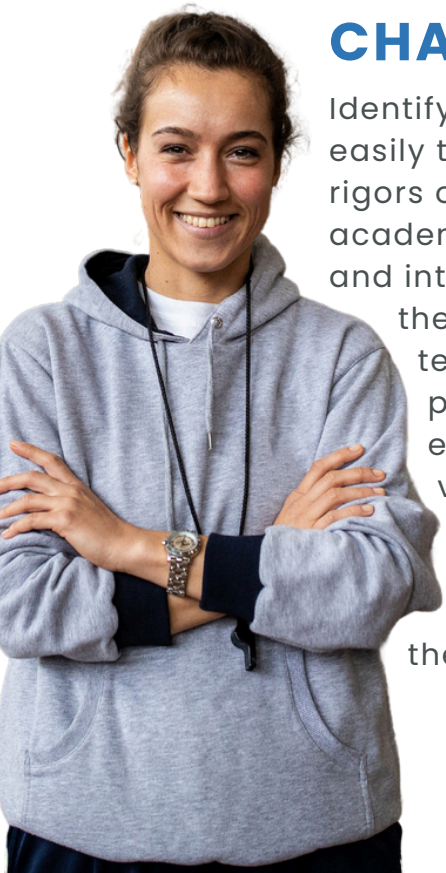
Athletic coaches play a pivotal role in shaping the success of student-athletes, both on and off the field. But maintaining athletic performance while fostering academic achievement can be a difficult balance. Coaches need to monitor their players' academic performance to identify early signs of risk in order to help student-athletes maintain their eligibility.

CHALLENGES

Identifying at-risk student-athletes can easily take a backseat to the physical rigors of athletic schedules. Prioritizing academics, identifying at-risk students, and intervening promptly can conflict with the pressure to maintain a winning team, setting up both ethical and practical dilemmas. The diverse educational backgrounds and varying preparedness levels of student-athletes further complicates the process, requiring tailored support strategies to help them succeed in both worlds.

Coaches are the champions of student-athlete success. Balancing academics and athletics is no small feat, and it's crucial to keep athletes on track in the classroom, not just on the field. Identifying which athletes need academic support and how to deliver the required help before it can effect eligibility are of primary concern.

- **Identifying At-Risk Student-Athletes**
 - It's difficult to know or predict which athletes may be academically at risk.
 - Juggling the needs of a team while providing personalized support can be a struggle.
- **Juggling Academics and Athletics**
 - Keeping tabs on academic performance in multiple courses for an entire team while focusing on athletic obligations is overwhelming.
- **Ensuring Timely Communication**
 - Communicating with athletes about their academics on a regular basis requires regular input from Faculty.
- **No Access to Appropriate Data**
 - It's impossible to understand and react to an athlete's academic performance without access to specific data.



DATA IMPACT

The eligibility requirements for most student-athletes are tied to academic performance. As such, it is paramount to provide Athletic Coaches with the Learning Analytics data they need to monitor how their athletes are performing. With real-time insights, Coaches can proactively support the academic progress of athletes, identify early signs of risk, and ensure eligibility requirements are met. This data-driven approach helps enhance the overall student-athlete experience by promoting academic excellence alongside athletic success.

With IntelliBoard, Athletic Coaches can gain data-driven insight into questions including:

- Which athletes are at-risk of becoming ineligible?
- Which athletes are/are not actively participating in their courses?
- Which athletes have not completed their submission for financial aid documentation?
- Have my athletes completed their assignments and are aware of upcoming assignments?

PROACTIVE LEVERAGE

A specific set of dashboards and reports have been created by IntelliBoard that specifically aid Athletic Coaches in identifying student-athletes who may be at risk of losing their eligibility. Leveraging this data allows Coaches to proactively identify and work with athletes at risk. Some of the reports geared towards Athletic Coaches include:

- **Athlete Eligibility Risk Dashboard** - Helps to monitor a student's athletic eligibility by breaking their course load into "at risk" or "okay" course groupings as well as breaking down individual courses into percentage benchmarks indicating risk levels.
- **At-Risk Athlete with Courses Report** - All student-athletes under a coach, their course grades, activity completion, and missing or unsubmitted assignments helps identify area of eligibility concern.
- **First Submission Monitoring Dashboard** - Track learners' initial first submission activities and identify missing learners without active participation.
- **Inactive learners in Courses Dashboard** - Track the active enrollments of learners who have never accesses a course or have been inactive in the course for a particular time period.

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INSTRUCTIONAL DESIGNERS

Key players in educational institutions and organizations, Instructional designers create effective, engaging, learner-centered educational experiences. They collaborate with faculty, subject matter experts, and other stakeholders to design, develop, and evaluate instructional materials, courses, and strategies that enhance learning outcomes.

CHALLENGES

An instructional designer plays a critical role in enhancing the quality of teaching and learning. But outside of designing, developing, maintaining, and improving courses, they contend with diverse faculty expectations and institutional standards and must stay up-to-date on educational technologies and tools to support the growth of e-learning. Analyzing learner engagement and course effectiveness and being able to collaborate and communicate with faculty and subject matter experts are key if they are to address the need of a diverse student body with varying learning styles and accessibility requirements.

Instructional Designers have to balance the needs of the institution and instructors with student engagement. Measuring course effectiveness requires a critical eye and the ability to dig into usage, activity, and feedback to ascertain whether the course is delivering on its promise and to its audience.

- **Limited Access to Data**
 - Without LMS access its impossible to track learner engagement and performance data and evaluate the impact of course satisfaction.
 - What data is available can be complex to convert to actionable insights for course adjustments.
- **Structure vs. Creativity**
 - Difficult to create engaging content while adhering to institutional standards and frameworks
 - Juggling conflicting priorities between innovation and consistency.
- **Facilitating Communication & Collaboration**
 - Managing feedback from multiple stakeholders and aligning goals among instructors, administrators, and others.
 - Communicating course design insights to stakeholders.



DATA IMPACT

To design and develop instructional materials, courses, and learning modules that align with best practices, Instructional Designers must be able to see patterns of learner engagement and track outcomes. Evaluating the effectiveness of the learning programs they design is only as good as the data to which they have access.

Learning Analytics provides Instructional Designers with easy access to in-depth usage data so they can answer these key questions:

- Which courses have the highest proportion of at-risk learners?
- Which course activities and tools are most engaging to learners?
- Are certain assessment or activities consistently challenging for learners?
- What course designs correlate with higher levels of learner success?
- How do courses I designed compare to other courses?
- Are my course adjustments improving outcomes compared to previous terms?

DIVE DEEP INTO DATA

Instructional Designers leveraging IntelliBoard's dashboards and reports have the ability to dive deep into usage trends and course activities to gain a data-driven view of course effectiveness. A sample of reports of interest to Instructional Designers includes:

- **Instructional Designer Dashboard** – Used by Instructional Design teams to monitor course set up and delivery, the dashboard delivers an overview of course data metrics on course creation, instructor assignments, activity counts, and access trends. It also provides a view into summary statistics for each activity in a course including views, participation, time spent, and average grades.
- **Learning Outcomes Dashboard** – Three datasets are combined to offer a comprehensive view of student progress including competencies/goals, outcome completions by course, and detailed mastery levels.
- **Page Views and Time Spent by Tools Dashboard** – True visibility into student interactions and activities drive deeper analysis via page view tracking, time spent on specific activities, and detailed log of users' overall access to content, events, and activities.
- **Projected DFW Risk Dashboard** – Built to monitor course progress, quickly identify courses with high D/F rates or withdrawn students and compare performance data with indicators that suggest a course/learner is at risk of poor outcomes.

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INSTRUCTORS

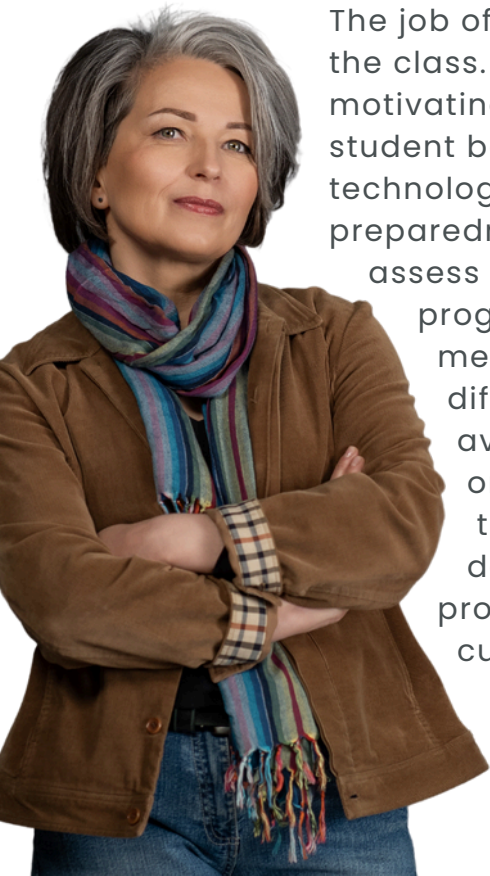
The leaders in driving learning engagement and performance, Instructors are responsible for delivering course content, guiding learning, and nurturing academic success. They play a crucial role in monitoring learner progress, identifying students who may be at risk, and intervening when necessary to support learner achievement.

CHALLENGES

The job of the instructor doesn't end with the class. They face the daily task of motivating and engaging a diverse student body with varying learning needs, technological proficiencies, and levels of preparedness. Instructors must continually assess learner performance and progress. Effective assessment often means adjusting methods for different learning styles and various available tools. All of this is done on a course-by-course basis in the midst of tenure-track demands needed to continue their professional development to stay current in their fields.

Optimizing teaching strategies, keeping students on track, and ensuring academic success is a hefty course load! Instructors need to keep up with the day-to-day administrative chores while motivating and monitoring learners to achieve positive outcomes.

- **Identifying At-Risk Learners**
 - Spotting learners who may be struggling is imperative, but can be difficult to determine given time and resource constraints.
- **Ensuring Learner Engagement**
 - Keeping students engaged in learning has been made more complicated with the advent of online classes.
 - Understanding which learners are disengaged requires continual, time-consuming analysis
- **Grading Overload**
 - Managing grading across multiple courses and assignments is time-consuming and stressful.
- **Lack of Personalized Support**
 - Particularly in large classes or for instructors with multiple courses, it's a struggle to provide any kind of personalized support to students.



DATA IMPACT

Instructors already have a lot on their plates and are constantly being asked to do more. The only way to balance the scales is through data-driven insights and real-time reporting. Learning Analytics allow instructors to see what's happening behind the scenes in their classes, know which learners are engaged, which are struggling, and which tools are being utilized.

Instructor need to be able to answer these key questions to guide informed decisions:

- Which learners are currently at risk?
- How can we predict at-risk learners to ensure successful intervention?
- Which students haven't logged into a class or not participated a certain number of days?
- Which course activities are the most engaging to learners? Least engaging?
- How can ungraded assignments be prioritized and managed efficiently?
- Is there an automated way to alert learners about important deadlines, missing assignments, or low grades?

STREAMLINING FOR SUCCESS

Instructors leveraging IntelliBoard's dashboards and reports have the ability to examine student learning behaviors and make decisions that enhance both teaching and learning. A sample of reports of interest to Instructors includes:

- **Instructor Dashboard** - Comprised of various data visualizations, including the Learner Course Monitoring report detailing student score, progress and activity in courses. Also shows which course assignments need grading and which types of content are most frequently accessed by students.
- **At-Risk Learner Dashboard** - Quickly identifies at-risk learners (with a course grade of 59 or below) across their various courses.
- **Needs Grading Dashboard** - Directly view the specific activities that require grading across all courses. Instructors can also identify courses with the highest number of ungraded activities to help prioritize workload.
- **Inactive Learners in Courses Dashboard** - Track the active enrollments of learners who have never accessed a course or have been inactive in the course for a particular time period.
- **Course Grade Distribution Dashboard** - Shows the number of learners who have achieved each letter grade so the Instructor can identify patterns in grading. Also shares Corresponding report outlining course grades and engagement details.

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SYSTEM ADMINISTRATORS

Responsible for managing and maintaining the technical infrastructure that supports institutional learning and administrative systems. System Admins ensure the smooth operation, security, and integrity of data across LMS and SIS platforms (often residing in two different offices and requiring deep collaboration.) They support the seamless flow of information between departments and ensure compliance with institutional and legal regulations. Their role is crucial to supporting the broader academic and operational goals of the institution.

CHALLENGES

Ensuring the security, stability, and performance of an institution's learning platforms is no easy task. Aside from overseeing operational control, System Admins support data dissemination and have governance over tools and features to improve user experience and operational efficiency.

As the guardians of institutional technology, System Admins occupy a role that is as critical as it is diverse. With broad data demands coming from every level of the institution, the challenge is to streamline data management and usage while monitoring the accuracy and integrity of the data.

- **Monitor Data Accuracy Across Systems**
 - Ensuring the integrity of LMS, SIS, and third-party data is a priority.
 - Lack of synchronization can wreak havoc on user records, affecting enrollment, grading, and financial aid.
- **Data Fragmentation Hinders Analysis**
 - Analyzing data across systems is cumbersome, technically challenging, and resource-intensive.
- **Institutional Reporting Can Be Burdensome**
 - Cross system reporting for academic leadership, accreditation, and compliance audits on learner activity, data retention, and submission rates is time-consuming and can be prone to costly errors.
- **System Usage Must be Optimized**
 - Safeguarding the security of LMS data prevents wide-spread access to analysis.
 - Usage trends and issues must be identified to ensure that the systems



DATA IMPACT

Providing institutional users with access to LMS and SIS data while simultaneously ensuring data integrity is not an impossible task. System Admins can significantly ease their burden by providing permission-based access to specific, pre-defined data based on institutional roles...including their own.

IntelliBoard provides reports and dashboards that enable System Admins to dive **into their own data** to analyze and optimize the utilization of their LMS to:

- Identify active users who have no course enrollments
- Encourage engagement through a consistent notification strategy
- Track overall LMS usage trends
- Measure instructor and learner engagement
- Track tool usage by instructors and learners to see what is being used and how often

SPEEDING INSIGHTS TO ALL

IntelliBoard's role-based approach helps System Admins deliver tailored insights and decrease the report requests coming to them. Equally as important are the reports and dashboards targeting system utilization trends that provide granular detail into learner and instructor engagement. Here is a sample of the dashboards and reports available.

- **First Submission Monitoring Dashboard** - Often used as a base for Census reporting, this dashboard tracks the initial first submission activities and identifies missing learners without active participation.
- **LMS Usage Dashboard** - Track learner and instructor trends, LMS user visits/activity across courses, and engagement levels across course categories.
- **At-Risk Learner Dashboard** - Provides an immediate visual summary of the number of learners at-risk across all course, based on pre-determined parameters.
- **User Status Summary Report** - Assess platform adoption and retention by tracking overall user activity, including inactive users
- **Course Summary Overview Report** - Review course setup, identify gaps in course design, and ensure courses are properly structured.
- **User Course Enrollment Verification Report** - Verify the accuracy of user enrollments for compliance, reporting, and targeted notifications.
- **Course Level Access Trends Report** - Identify courses with low or high levels of activity and participation that may need additional support.

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LEARNERS

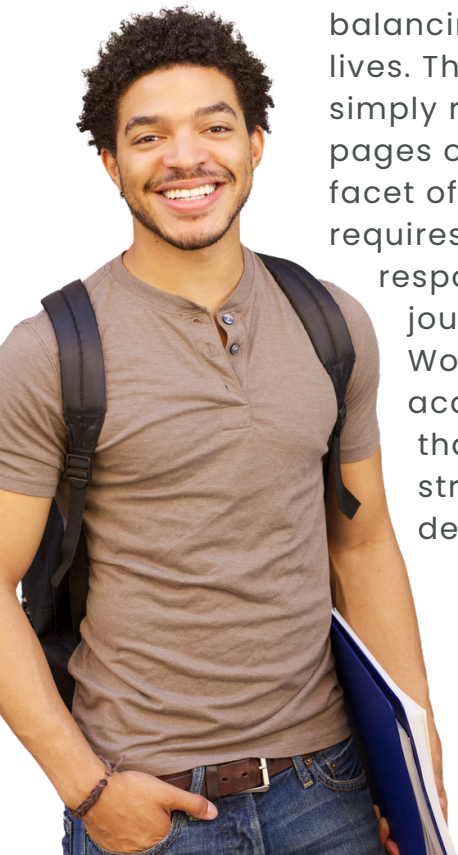
Learners are at the center of the academic journey, responsible for actively engaging with course materials and tracking their progress to achieve success. They need to monitor their progress, stay engaged in courses, be proactive in addressing any challenges, and take ownership of their learning journey.

CHALLENGES

Learners frequently struggle with balancing academics with the rest of their lives. The challenge of “learning” is not simply reserved for what lies within the pages of a book; it encompasses every facet of the educational experience, and requires, above all, that learners take responsibility for their academic journey and all that comes with it. Working continuously toward academic goals means much more than managing multiple courses and striving to meet competing deadlines.

Learners face tremendous challenges in the struggle to juggle academic responsibilities with personal obligations. For many, higher education is the first foray into adulthood and, as such, can be overwhelming. Others trying to keep a work/life/school balance can be driven to a tipping point.

- **Keeping Tabs on Academic Progress**
 - The inability to track progress on multiple ongoing courses can lead to falling behind in classes.
 - Lack of clarity on how current grades compare to peer course averages.
- **Meeting Deadlines**
 - Staying on track with course deadlines over multiple courses can be a struggle.
- **Time Management**
 - Difficulties balancing academic deliverables with personal commitments, work, extracurricular activities, etc. without understanding priorities.
- **Addressing Academic Struggles Early**
 - Knowing when to ask for academic support to improve performance isn’t always easy.
- **Seeking Timely Support**
 - There are limited opportunities for personalized assistance.
 - Not always sure when to ask for help or what type of help is required.



DATA IMPACT

Learners can take a data-driven approach to their academic journeys with real-time information that fills gaps in the traditional “test/score/grade” model. Not knowing their current course standing is no longer the case when learners can monitor their grades, review course progress, and stay informed on upcoming or past-due activities. With a clear understanding of their performance, learners are empowered to stay on track and take ownership of their learning experience.

With IntelliBoard, Learners can gain insight from data that helps them answer crucial questions including:

- How well am I performing in my courses?
- Which assignments or activities are due next?
- How can I take control of my academic success?
- Am I staying on track with all of my coursework?

EMPOWERING OWNERSHIP

For Learners to succeed they need to be in the driver’s seat of their own educational journeys. That means making relevant data available so they can make informed decisions and ensure they have the insights needed to not just succeed, but excel. A growing number of IntelliBoard reports and dashboards geared towards Learners include:

- **Learner Dashboard** – Combines multiple reports:
 - *My Grade Progression* provides the learners with a clear visual representation of their grades across all enrolled courses.
 - *My Course Progression* offers learners a list of all enrolled courses with progress/completion status, grade, and key dates in one report
 - *My Course Activities* allows learners a detailed view of their upcoming and completed activities to help them manage their workload and meet deadlines.
 - *My Upcoming Activities* provides a clear overview of activities and assignments due within the next week.
- **First Submission Monitoring Dashboard** – This dashboard tracks the initial first submission activities within a course and identifies missing learners without active participation. Learners can track and submit outstanding activities in order to meet their financial aid compliance requirements.

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ABOUT IntelliBoard

MAXIMIZE THE VALUE OF YOUR LEARNING DATA THROUGH THE INTELLIBOARD LEARNING ANALYTICS PLATFORM:

- Integrate leading LMS & SIS providers for a single, accurate view of learning data.
- Deliver turn-key, role-based reports and dashboards across the entire educational community.
- Predict at-risk learners and dollars through AI and other prediction models.
- Make data actionable with built-in notification and communication tools.



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