



# OEA- Open Education Analytics

Lower student dropouts and increase engagement rates

## The Problem

Due to the current circumstances, remote learning is far more prominent than traditional in-person classes. While this is a necessary move to protect both students' and teachers' health, this is likely a trend that will continue far past the pandemic. However, keeping students engaged with online classes and receiving the support they need from their instructors is difficult. Dropout rates are at an all time high, and engagement rates seem to be dropping daily.

Many online learning programs serve the purpose of hosting classes; however, they lack in providing any real analytics that give insight into student engagement.

## Our Solution

Spyglass can help Higher Education institutions implement analytics reporting systems to aid in better understanding the overall engagement and learning patterns of students. **We are an OEA Advanced Partner with Microsoft, so we have the expertise you need!** We are able to seamlessly integrate with many learning management systems, like Blackboard or Nexus LMS, so that you can continue to utilize your current systems while receiving the analytics you need. We will connect your systems to Azure to build analytics around the information that your system already collects. By viewing these reports in a simple dashboard, institutions will be able to see crucial student patterns, engagement rates, and more.

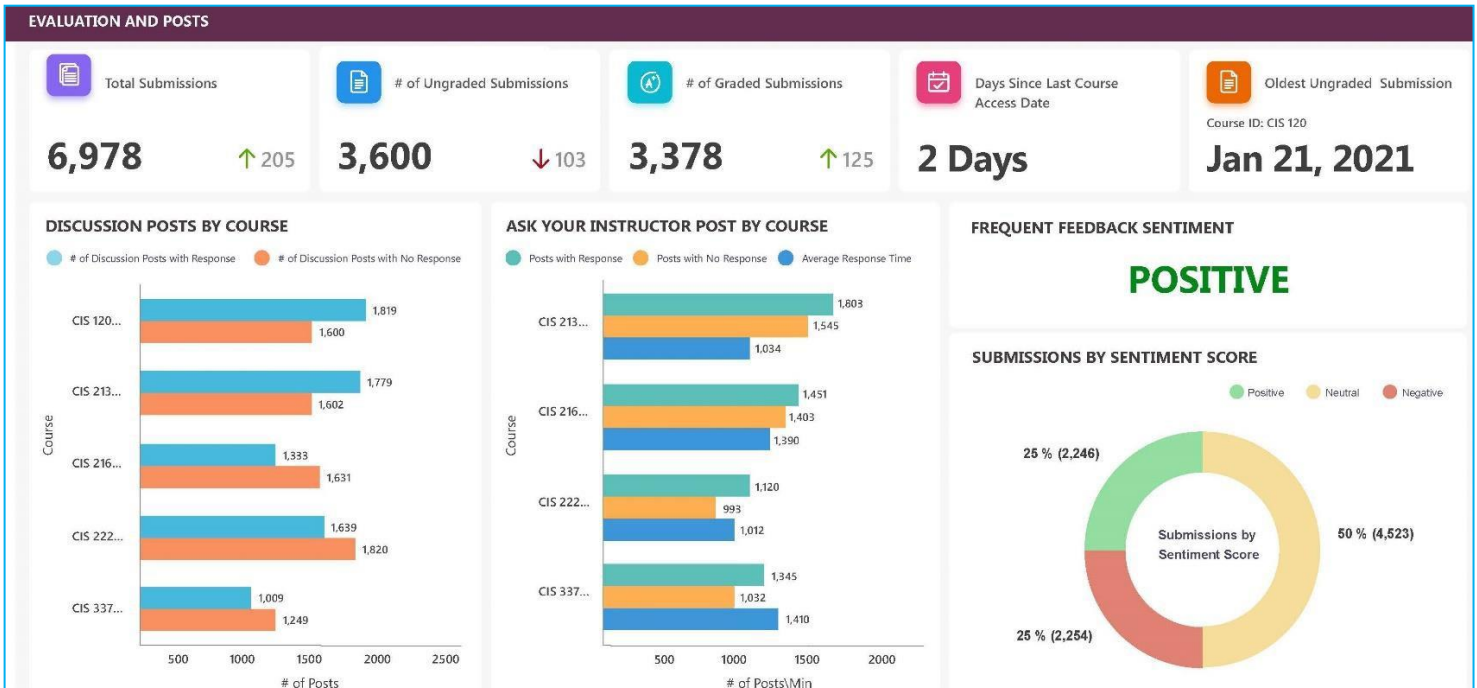
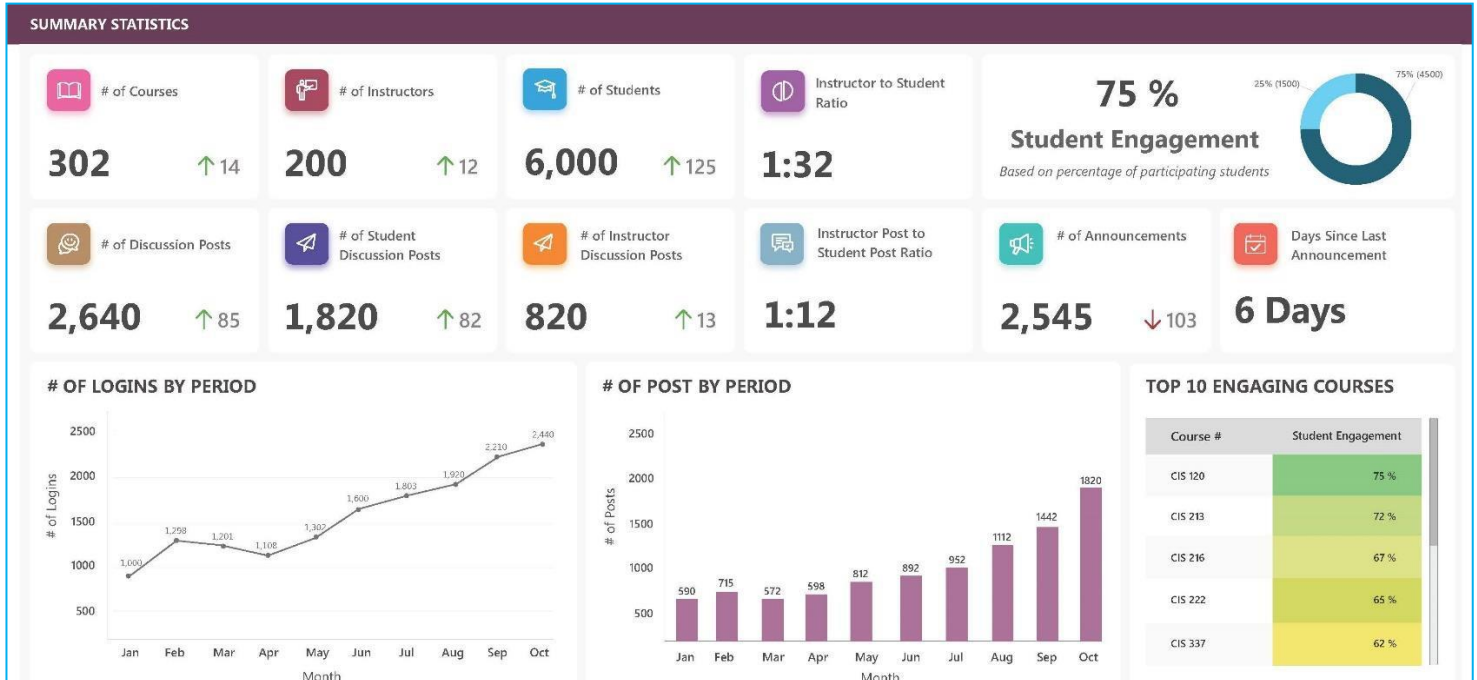
*Knowledge is power- set yourself up with all of the information you need to help your students and staff succeed!*

## Case Study

Spyglass worked with one higher education university, who operates primarily online, to improve their analytics reporting. We built a reporting system through Azure that was connected to Nexus LMS, their system of choice. This reporting allowed them to see crucial pieces of information to ensure students were remaining engaged and successful during remote learning. The below screenshots are examples of the dashboard we built for the university.

## Common Use Case Problems in Education:

- **Digital Access:** How do we ensure all students in our system have access to our digital learning applications and platforms when they are learning remotely?
- **Digital Learning Insights:** How are students using and behaving in digital learning platforms and applications, and how does that behavior relate to key learning outcomes?
- **Program Evaluation and Monitoring:** Is a new education program or policy such as a professional learning program being implemented as planned, and does the program have measurable impact on learning or education outcomes?
- **State and National Education Reporting:** How do we make our city/state/country education data and reporting more real time and actionable?
- **Predicting At Risk and Vulnerable Students:** How do we use our data to prevent learning dis-engagement, drop-outs, or harm to students?
- **Learner Records:** How do we use all our data to develop more holistic insights into student learning and better support students in representing their learning beyond an individual school, such as in applications for other schools or for jobs?
- **Personalization:** How do we enable every student to develop a more personalized learning experience, driven by their stage of learning progress, interests, and goals?



## Spyglass MTG Can Help!

Contact us today to discuss how we can help your university use analytics reporting to improve engagement!

## About Spyglass MTG

For over 15 years, we've closely partnered with Microsoft to bring their vast and expanding suite of enterprise solutions to our clients. We leverage proven methodologies, migration tools and expert consultants to architect, build, deploy, migrate to, and manage Microsoft solutions. Whether you are deploying or upgrading M365, implementing Azure, deploying Teams, building a SharePoint Site, developing a Security or Governance Model, designing a Modern Warehouse or BI Solution, or developing AI apps on the Power Platform, we can help!



Gold Collaboration and Content  
 Gold Cloud Platform  
 Gold Cloud Productivity  
 Gold Application Development  
 Gold Project and Portfolio Management