# Leading University uses AI to potentially improve first-time in college student retention by **17%** in **15** days

## Company Profile

Largest private, selective research university in Florida

## Industry

Higher Education

## Region

US

## Challenge

A leading University wanted to leverage their data assets to improve student retention and optimize student welfare, particularly aiming at students within their undergraduate program.

## Solution

Aible helped identify students who were most likely to leave. This helped the center for academic and student achievement target and prioritize their retention efforts to the most at-risk students.

## Use Case & Project Details

- **Use case analyzed:** First-time in college student retention

- **Potential Project Results:** 17% reduction in student attrition

- **Time from data provision to project completion:** 15 days

- **Elapsed time from start of model training to completion of 500+ models on serverless infrastructure:** 6 projects trained in ~25 minutes per project

## Outcome

Aible helped identify ways to potentially lower student attrition by 17%.



**DAY 1** — **DAY 2** — 1 day — 5 days — **DAY 7** — 1 day — **DAY 8** — 5 days — **DAY 13** — 2 days — **DAY 15**

| Day | Description |
|---|---|
| DAY 1 | Dataset made available in University's cloud account |
| DAY 2 | Initial models trained and data exploration completed |
| DAY 7 | Initial project readout and review with full team |
| DAY 8 | Project blueprint and business assumptions adjusted and validated |
| DAY 13 | Readout with full team, users identified and roadmap forward established |
| DAY 15 | Licenses provisioned to entire team, product training completed and validated end-to-end by University team members |

● Aible Team Involved   ○ Waiting for Customer

"During a one hour meeting we went from a raw dataset, to exploring insights in the data automatically highlighted by Aible, to creating and even deploying a predictive model. The collaboration with academic and financial aid advisors helped us further optimize the models and made them more useful - but we went end-to-end from raw data to deployed model in such a short amount of time."

**- VP Institutional Effectiveness, Leading University**