Early Forms of Leveraging Your Data

Two Major Deliverables

Predictive Workbooks

- Critical courses and timing
- Programmatic trends
- Patterns of student transitions
- Pinpointing areas of opportunity

Advising Platform

- Proactively identify at-risk students
- Compare to previous students
- Major Guidance
- Career Analytics
Understanding Our Data Definitions

Defining the Data

**Historical Window**
- Fall 2004-Spring 2010

**Year**
- Defined as 365 Days

**Graduation Rate Definition**
- Defined as a student’s ability to graduate *ever*, not just 4 and 6 year graduation.

**Enrollment**
- \( \geq 6 \) Credits Per Year

**Student Population**
- Bachelor Degree Seeking Students (Transient and Graduate Students Not Included)
- Transfer, Part-Time, and Full-Time Students (\( \geq 6 \) credits per year)
Timing of Attrition in Murky Middle

These Students Are At Risk More Than You May Think

Histogram of Native Students by First-Year GPA
n=24,780, Native Students Only

Iowa State’s Murky Middle

22% (n=2,961) of All Dropouts

142 Enrolled 6+ Years

853 Graduates

1,901 Year 1 Dropouts

32% (n=7,148) Are Year 2-6 Dropouts
Impact of Credit Completion Ratios

Insight into Graduation Success and Time to Degree

Graduation Rate By First Year Credit Completion Ratio of Native Students and Impact on Time-To-Degree

n=24,780, Native Students Only

28% of students earn less than 90% of their attempted credits (n=6916)

5.05 Years
Average Time-To-Degree for Students that Complete Less Than 90% of Their Attempted Credits

First Year Credit Completion Ratio at Institution

Graduation Rate

Time to Degree in Calendar Years

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