

ADVIZOR In Student & Institutional Research

ADVIZOR® data discovery & analysis software for student and institutional research enables education administrators to make better, faster, fact-based decisions from their data for more effective and strategic results. ADVIZOR combines cutting edge visual, interactive data discovery and predictive modeling software with strong consulting services for solutions that are powerful, flexible, quick to implement, easy to use, and deliver a strong and measurable ROI. When people are empowered to more easily access and better understand their data, the result is more informed decision making and improved outcomes.

Powerful Visualization, Analysis, and Predictive Modeling Capabilities for Education

ADVIZOR enables administrators in education to understand and profit from key business data by going beyond traditional text, table and graphical data representations/reports to tackle such strategic initiatives as:

Retention / Progression	<ul style="list-style-type: none"> • Understand success & failure • Identify at risk students and take early action • Identify departments and course areas having problems
Grade & Course Analysis	<ul style="list-style-type: none"> • Where am I seeing growth; what composition and profiles • Where are there problems • Are we resourcing properly for the future
Attraction / Admissions	<ul style="list-style-type: none"> • Identify characteristics of successful admits • Better target mailings and events
Widening Participation / Diversity	<ul style="list-style-type: none"> • Slice and dice demographic profiles • Easier reporting and analysis
Survey	<ul style="list-style-type: none"> • Course and professor surveys • Alumni surveys
Financial Performance	<ul style="list-style-type: none"> • Performance based metrics • Drill down into outliers and causal factors

ADVIZOR provides information in clear displays with dynamic interaction so that higher education administrators quickly get fact-based answers to their business questions. It includes predictive modeling for understanding causal factors and for creating scored / prioritized lists.



Retention / Progression

All educational institutions want to graduate their students, and existing data, both current and historic, holds the keys to identifying who stays and who leaves. ADVIZOR's unique combination of interactive data visualization and predictive modeling can help your team understand which combinations of student demographics, educational backgrounds, professors, and course offerings, can lead to success or challenges. Use our robust predictive modeling to understand key causal factors, and then run models against new students to identify potential "at risk" situations. Use that information to intervene early to provide coaching, mentoring, or perhaps a change of courses to influence a more positive outcome.

Grade & Course Analysis

Understanding the key trends in course offerings is critical for many reasons. Connecting changing student demographics with shifting growth rates is critical to properly planning and resourcing for the future. Identifying problems is also important -- for example some courses and professors are more likely to cause problems for certain types of students. Identifying those combinations and engaging in discussion and corrective action is critical.

Attraction Admissions

Schools invest heavily in a variety of materials and approaches to attract candidates. Unfortunately most use general messages which they send to everyone. As with any sophisticated marketing program, higher yields can be achieved at lower costs by analyzing results, creating segments of prospects, and then differentiating the messages and approaches based on the characteristics of each segment. ADVIZOR provides the data discovery and analytics capability to do just that. In addition, it's easy ad hoc discovery and reporting capabilities make it quick and efficient to slice and dice data for reporting to various stakeholders both inside and outside of your institution.

Widening Participation / Diversity

Understanding and reporting on the makeup of the student body is a key task. ADVIZOR's Visual Discovery™ makes it easy to slice and dice and explore data in order to quickly create the variety of necessary ad hoc reports.

Survey

Surveys are prevalent in higher education. They also lend themselves to being cross referenced with other information, including the key data in your source systems. ADVIZOR is designed for quickly integrating data from multiple sources, and then making it very fast and simple to connect that data and analyze across it. Imagine if your course survey data could be easily merged in and used for progression / retention analysis and scoring? Or grade and course analysis?

Financial Performance

ADVIZOR is an ideal "sandbox" for creating various performance metrics, with the ability to explore results and drill down into detail. We've been used for a variety of campus based performance reporting and analysis initiatives, including profitability analysis, resource planning, asset allocation, energy usage, and optimum printer placement and utilization.

Transform Decision-making with Visual Discovery

Visual Discovery is the core patented technology that drives ADVIZOR's unique display, interaction and authoring capabilities. Leveraging an extensive algorithmic underpinning, business people are able to explore and understand their business data.

With ADVIZOR, the visual display becomes the window to understanding, which leads to better business decision-making and improved performance.

