



Client Success Story

Michigan State University: Optimizing analytics to increase enrollment

? About MSU

Michigan State University is a public land grant research university in East Lansing, Michigan.

✓ Challenge

Michigan State University (MSU) experienced increased enrollment pressure in the face of a shifting higher education landscape across the United States and the State of Michigan. The shifts included changing demographics, primarily decreasing traditionally aged college bound high school students, both savvier

international and domestic families that viewed college in a ROI lens, and increasing competition from new lower priced institutions and changes to NAAC guidelines. MSU both to stay competitive and relevant partnered with Deloitte to develop new, achievable enrollment strategies to most effectively balance MSU's headcount, selectivity, diversity, and net tuition revenue goals.

✂ Process

The team introduced and harmonized critical partners across MSU to leverage an iterative development cadence consisting of:

- Visioning sessions to capture business needs and journey map for end user personas
- Rapid wireframing and prototyping to engage end users and accelerate feedback
- Daily standups and regular working sessions to maintain team awareness and adjust activities based on evolving business needs
- Development of a tailored data model as the foundational analytics platform
- Creation of persona based dashboards incrementally developed on user feedback and data integration



Solution

Deloitte collaborated with MSU on a variety of strategic initiatives, notably the first implementation of Artificial Intelligence and Machine Learning predictive models that make up Candidate360™ today. These models combined proprietary lifestyle data, which includes more than 1,700 data elements about over 230M U.S. households, with MSU data to optimize the analytics and insights that the recruitment team had on hand. The insights which provided individualized profiles of in state, domestic, and international prospects helped recruiters prioritize limited time and resources.



Impact

The data in hand empowered recruiters, helping to right size financial aid awards to both increase the class size and optimize the diversity and recipients. Recruiters also gained insight into the optimal communications channel, helping them increase responsiveness and avoid phone call screening.

As a whole, the analytics solution helped MSU identify admissions and financial aid trends on key enrollment indicators to better understand the progression of the admissions lifecycle. The Candidate360™ models enabled both recruiters and enrollment directors to better understand their key geographic, demographic and academic student profiles to better craft their strategic and operational plans. In the first year of utilizing the analytical models, MSU benefited from a 24% increase in out of state student enrollment and a \$5M increase in net tuition revenue.

For more information, please contact us.

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