

Berkeley Online Advising (BOA): Learning Analytics, Academic Advising, and Student Success

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Project History

2016

Berkeley builds Learning Records Store for Canvas Data

2017

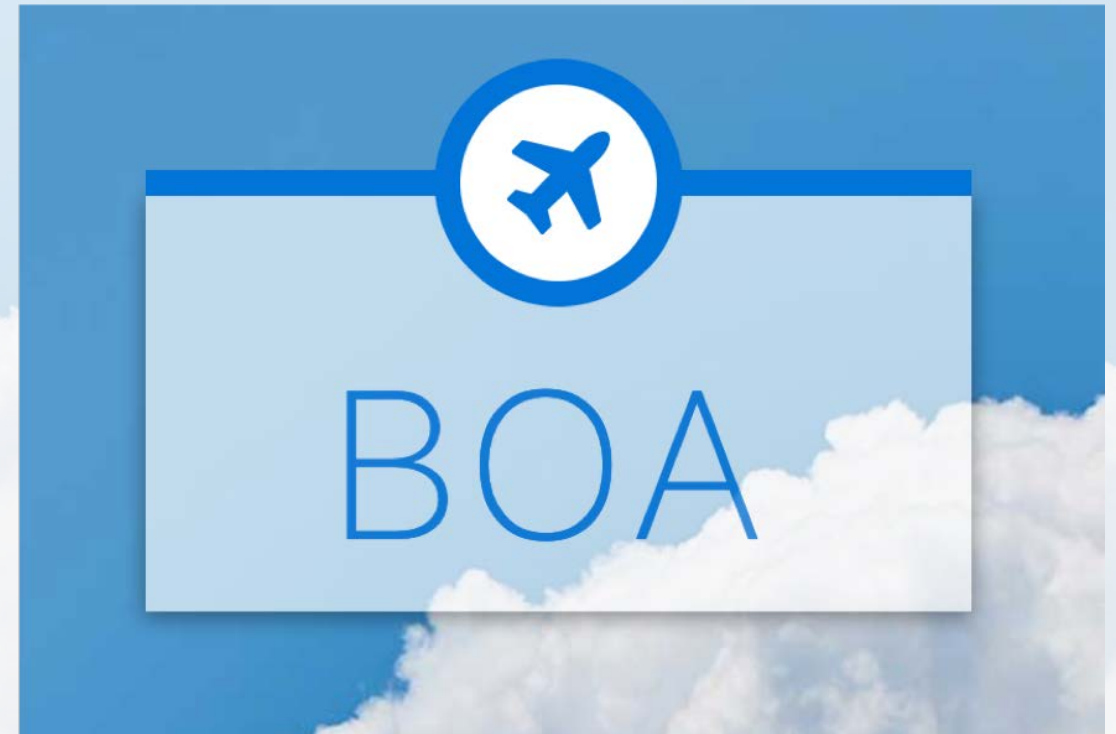
BOA launched to support advisors of student-athletes

2018

BOA expands to College of Engineering

2019

BOA becomes available to 900+ undergraduate advisors





BOA Demo

BOA & Campus IT Priorities

- BOA's data lake now considered an essential component of UC Berkeley's cloud strategy
 - Data lake model expands on traditional enterprise data warehouse solutions, and offers more flexible schemas and architecture than student information systems and other purpose-built tools
- Effective analytics requires limitless capacity to scale the scope and volume of data from an ever-growing number of sources
- *From Learning to Data Analytics: Some Implications for IT Strategy and Transformation* (EDUCAUSE Review, October 2019)

BOA & Digital Learning Efforts

- Digital Learning Initiative focuses on an increased campus investment in pedagogy, content, and analytics
- More structured course design creates new opportunities for predictive modeling of student behaviors and outcomes
- Student information captured in BOA gives us more longitudinal data than ever about student progress & outcomes
- <https://digitallearning.berkeley.edu/>

BOA & Campus Strategic Plan

- Embracing the California Spirit: Diverse, Inclusive, Entrepreneurial
 - By 2028, will become a Hispanic-Serving Institution, where at least 25% of our undergraduates will be Latinx
- BOA's newest partnership, with our campus Centers for Educational Equity and Excellence, gives us opportunities to focus on student success for their target population of underrepresented students, especially low-income, first-generation students of color
- <https://ce3.berkeley.edu/>



<https://github.com/ets-berkeley-edu/boac>

<https://github.com/ets-berkeley-edu/nessie>

<https://github.com/ets-berkeley-edu/data-loch>