

## Tutoring Analytics Framework

<b>Beginning / Minimum Analyses</b>	<b>Intermediate Analyses</b>	<b>Advanced Analyses</b>
Student visits (Visit type, location, subject, professor, tutor, etc.)	Participant / non-participant grade analyses; aggregate by course/subject, type of academic support, sex, ethnicity, Pell grant status, etc.	Equity analyses (historically marginalized population performance compared to white student performance)
Student hours (Time of visit, duration, etc.)	Utilization by student demographic and sex	Academic performance of historically marginalized participant populations (underserved, those navigating income/poverty, first-generation, and transitional coursework) compared to non-participants
Courses / subjects served (where is the demand)	Student staffing by demographic and sex	Analysis of course failures among student populations and identifying specific patterns (including paired courses)
D/F/W rates by course	Student academic performance by type of support (in-person vs online, individual vs small group, PAL/SI, etc.)	Academic performance of EAL participants vs non-participants (Learners of English as an Additional Language)
Courses / subjects with unfilled tutoring requests by course/term (predicting demand and hiring needs)	Retention and graduation rate comparisons between participants and non-participants	Analysis of cost effectiveness for different types of tutoring support
Semester-to-semester / year-to-year trends	Success rates of students who take transitional coursework (intervention courses, dev ed, etc.); disaggregate by population	Decision-trees / regression analyses to determine who may be most likely to respond to targeted outreach about academic support
Course grades/GPAs of participants	Impact of the program on the tutoring staff	Impact of embedded tutoring on gateway courses and active learning courses compared to traditional lecture courses
Course grades/GPAs of participants by subject		
Comparison of high-achieving HS students versus those < 3.0		
Survey data		
Student testimonials		