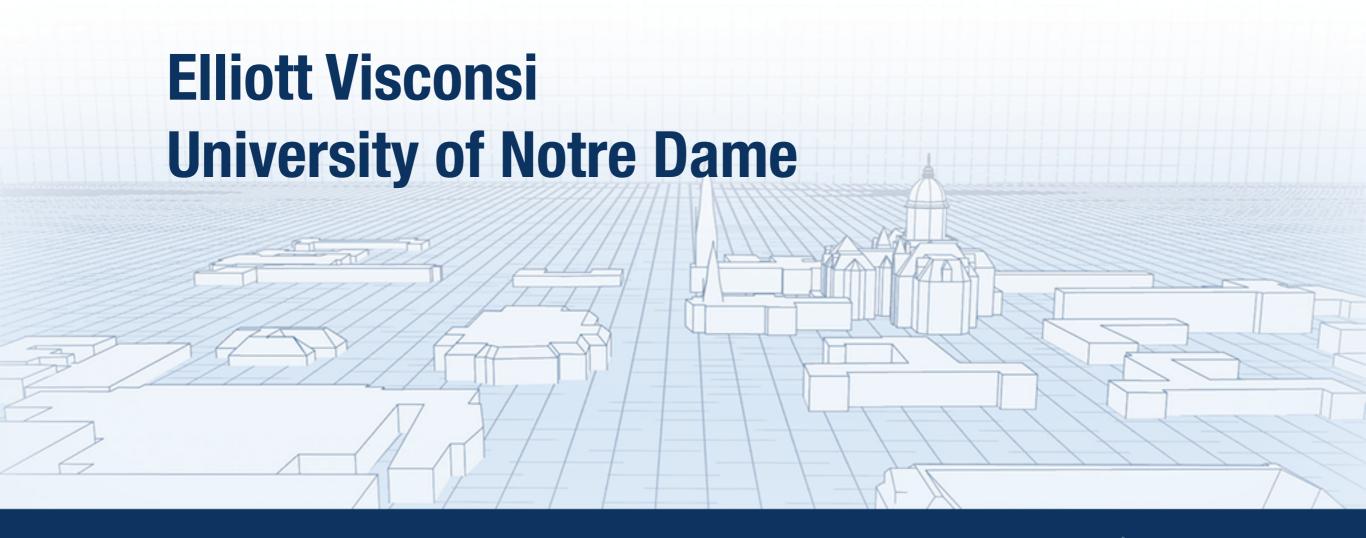
Making the Grade: Using OpenEdX to build an online M.S. program



STRATEGIC AIMS

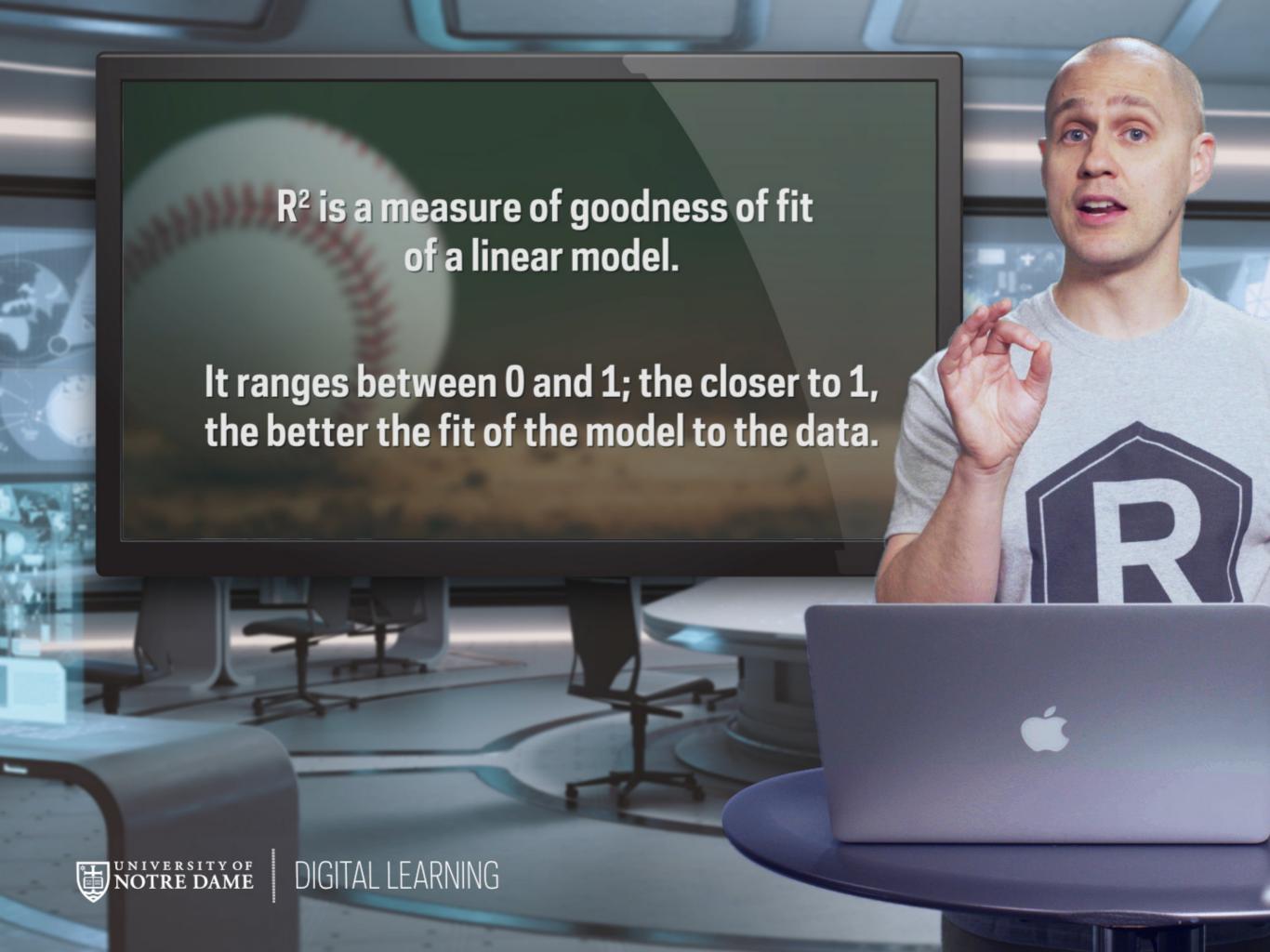
1. ENHANCE TEACHING & LEARNING @ NOTRE DAME

2. EXTEND THE REACH & ACADEMIC IMPACT OF FACULTY, DEPARTMENTS, COLLEGES & UNIV.

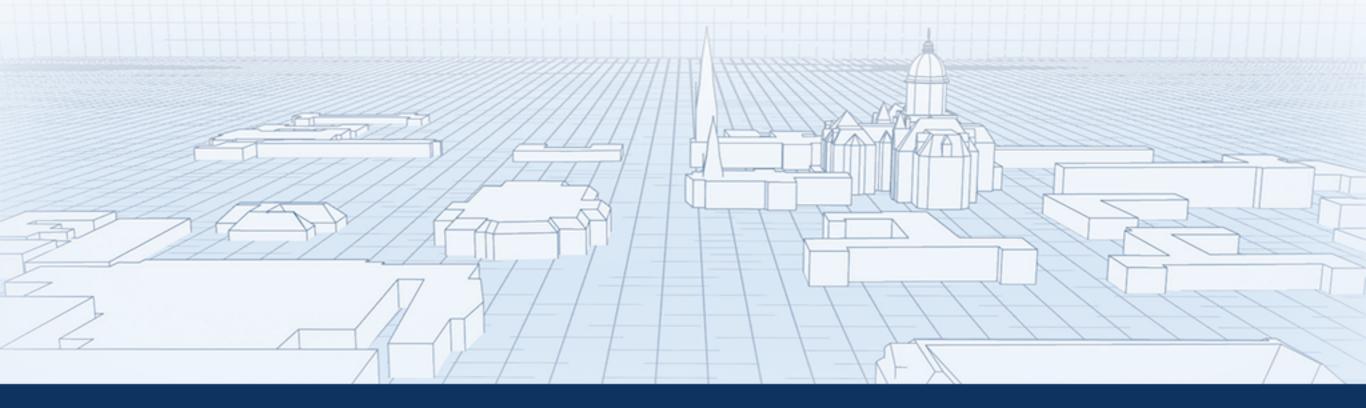
3. ACCESS TO EDUCATION AND ENRICHMENT

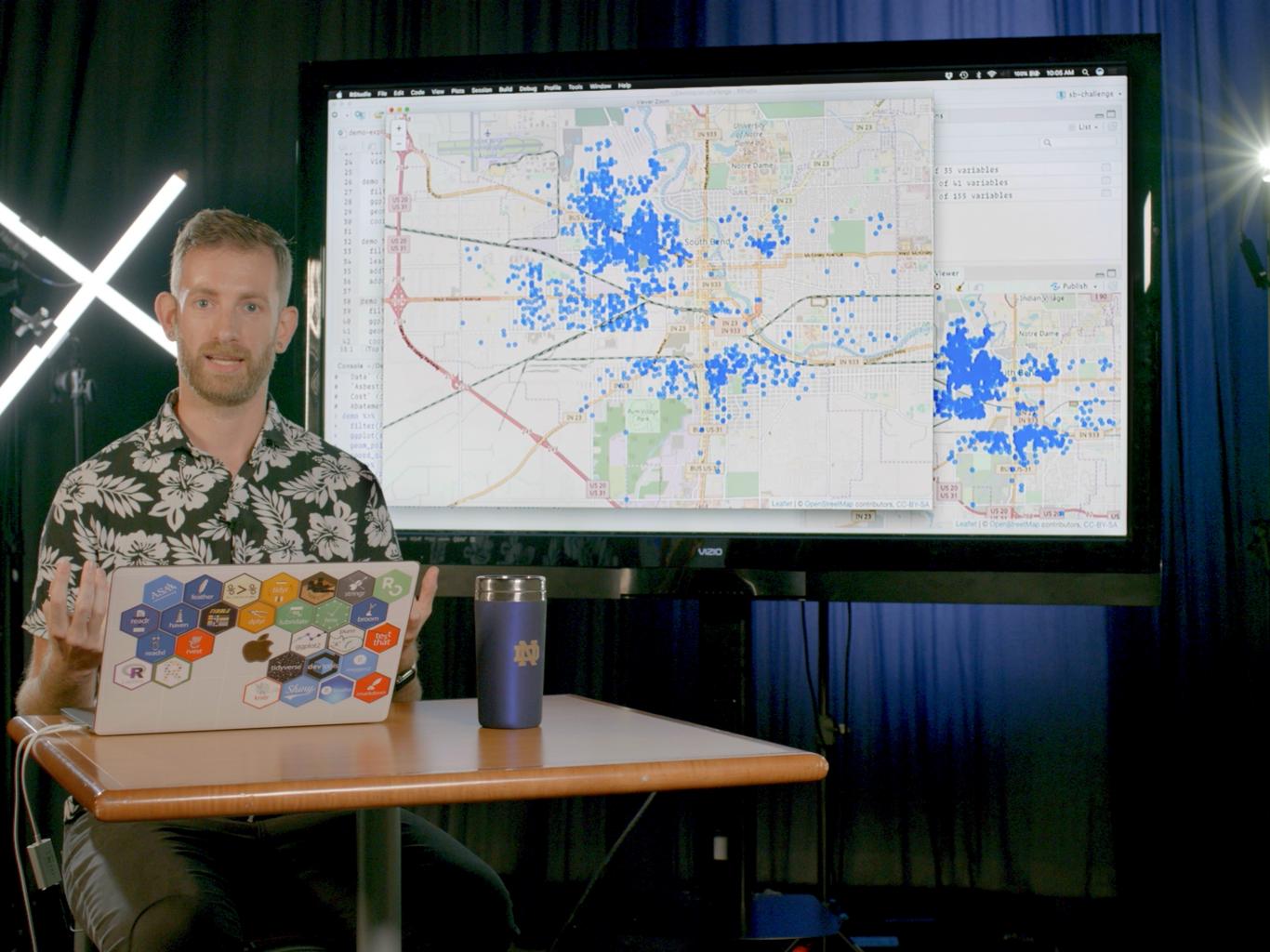




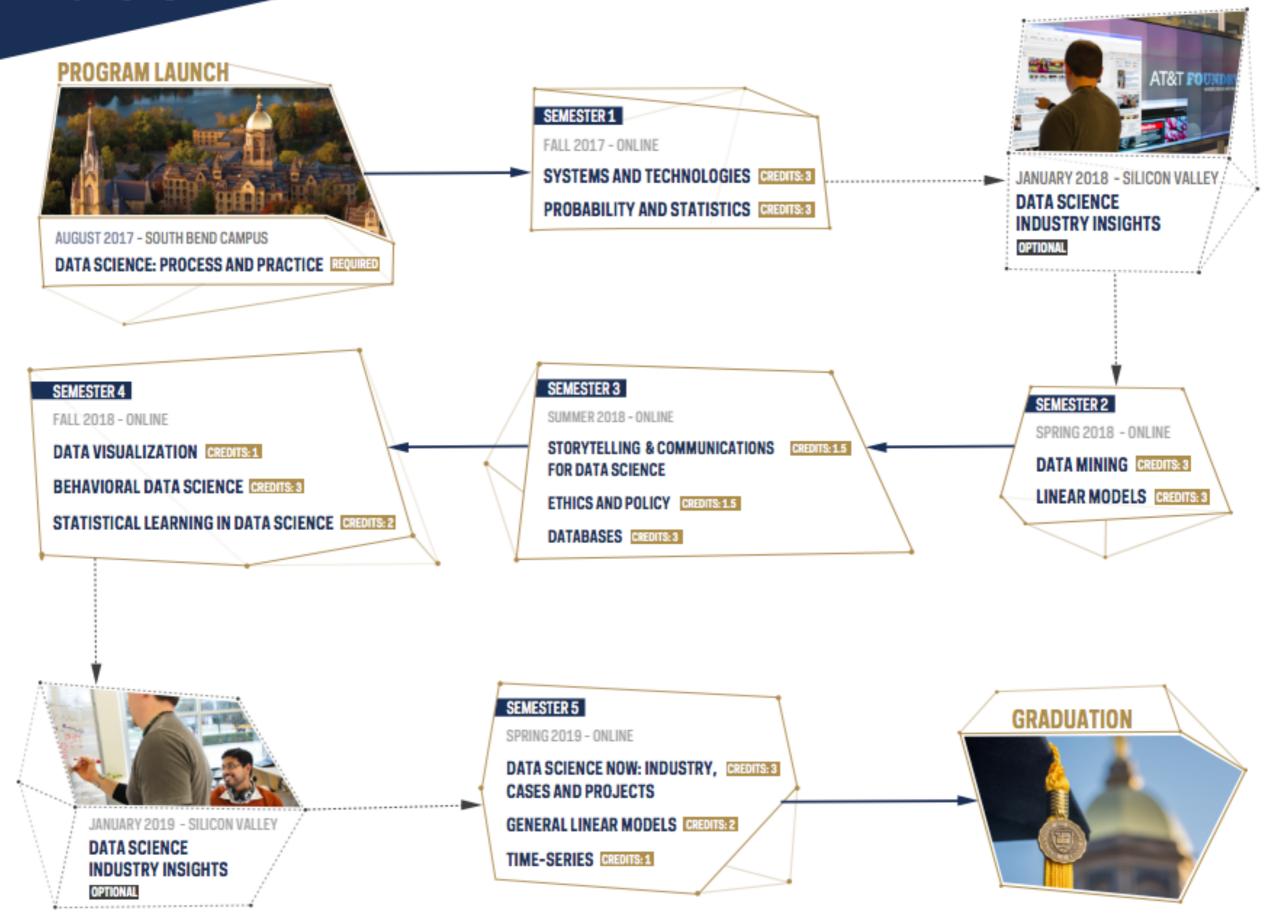


PARTICIPATORY LEARNING LIVE WITH IMPACT INTERACTIVE CASES/SIMULATIONS





PLAN OF STUDY





THE NOTRE DAME EDGE









communication and ethics

well us effective



HOW TO BECOME A DATA SCIENTIST

Data science is now influencing almost every department within every industry. From product development to sales and marketing to government operations, data scientists are emerging as important new players within businesses and organizations across the world. But what does it take to actually become one? Start your journey to becoming a data scientist by earning about data science uses, applications, job exportunities and education and training.

LEARN MORE ABOUT BECOMING A DATA SCIENTIST



A MULTIDISCIPLINARY PROGRAM THAT DEVELOPS QUANTITATIVE AND COMPUTATIONAL SKILLS AS WELL AS EFFECTIVE COMMUNICATION AND ETHICAL JUDGMENT

We gail this a three-dimensional data adentist. A data ecientist uses quantitative and computational skills to create value from data - transforming, organizing and analyzing it using computing, mathematics and statistics. But a three-dimensional data scientist complements over fallize and computational saids with the shifty to communicate effectively and act efficiely.

Our multicloop from MS-ACMS: Data Science program gives students the edge they need to perform at the highest levels of the field by producing times-dimensional data scientists. Through programming, statistics, storptelling, ethics and behavioral data science coursework our MO-AOMS: Data Science program students learn more than just technical quantitative skills. They learn to communicate offectively and act othically.

LEARN MORE ABOUT BECOMING A 3D DATA SCIENTIST >



THE STUDENT-CENTERED EXPERIENCE

SMALL CLASSES, FACULTY INTERACTION, ON-CAMPUS EXPERIENCES AND INDUSTRY AND ALUMINI CONNECTIONS

This online program provides a social and collaborative learning experience centered around the student. We teature small class size. a bond between faculty and student, on comput program launch, options, immersion weekends in Silicon Volley, industry and diumniconnections and more I earn about our student-centered experience.

AN ONLINE EXPERIENCE CUSTOM BUILT FOR YOU: THE DATA SCIENCE STUDENT

We provide an online learning environment unlike any hing else, built just for this platform to create. exceptional learning outcomes. The uncompromising commitment to coademic quality and personal interaction between faculty and students, for which Notre Came is known, is at the heart of the program. It is modern, easy, and engaging – designed for the online study of data sclands. Learningry about our



ENGAGING

Vedemandlessynouse - our online environment, built specifically for how data. scientists ison, will ensure you and improve your learning pulcones:

FERSONA.

Small class size, clase personal approach to online

STUDENT-CENTERED

student-legality band and a line feets our high standards of seadanie greeklings and student-contered froms.

OCCUARORATIVE

Online tools and content that - Collaborative learning and interactions that mirror data acience professional practice and enhance study

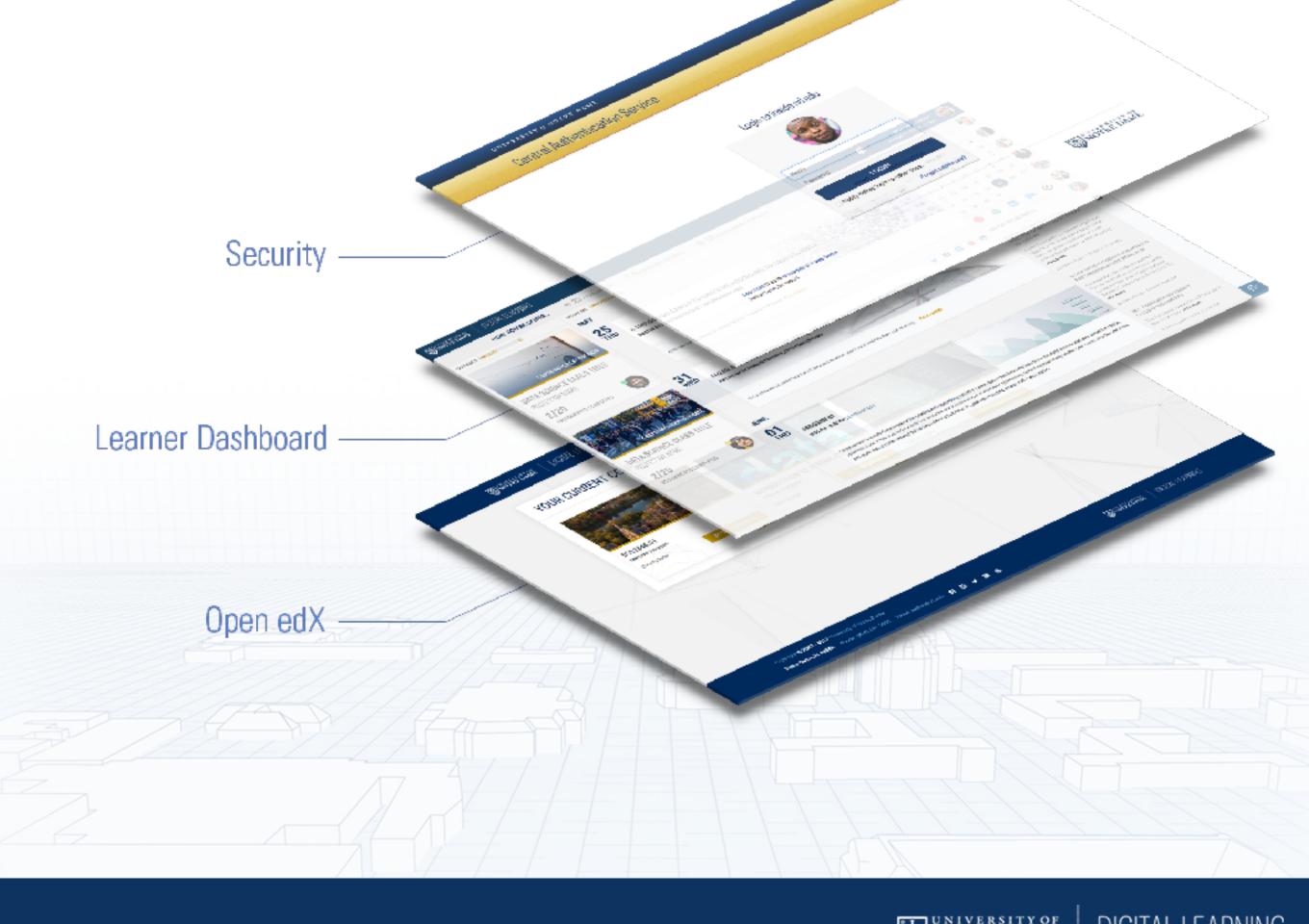
FEALWORLD DATA

An emphasis on applied projects, real data and case

LEARN MORE >

DEGREE PROGRAM as the organizing principle





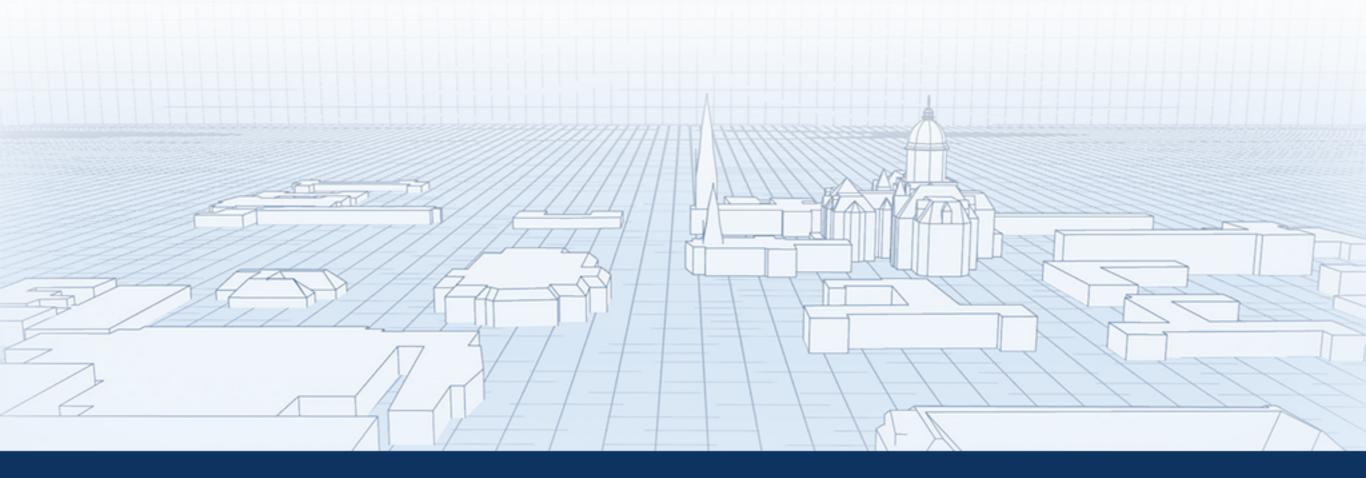


Key Functionality

General degree program needs	Data science at ND
Time-gated asynchronous learning paths	Awesome UX
Synchronous learning	Programming
Regular performance feedback	Auto grading
Proctored high-stakes tests	Social (faculty, peer interaction)
Event management	Environment integration
SIS integration	



INSTRUCTOR EXPERIENCE

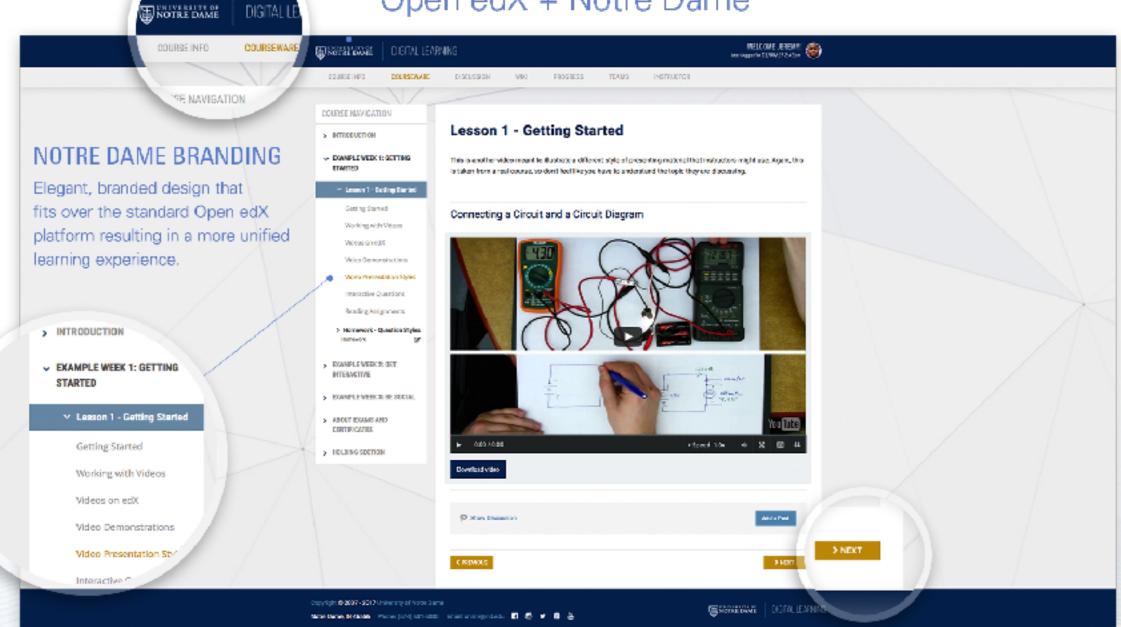


Open edX Customizations

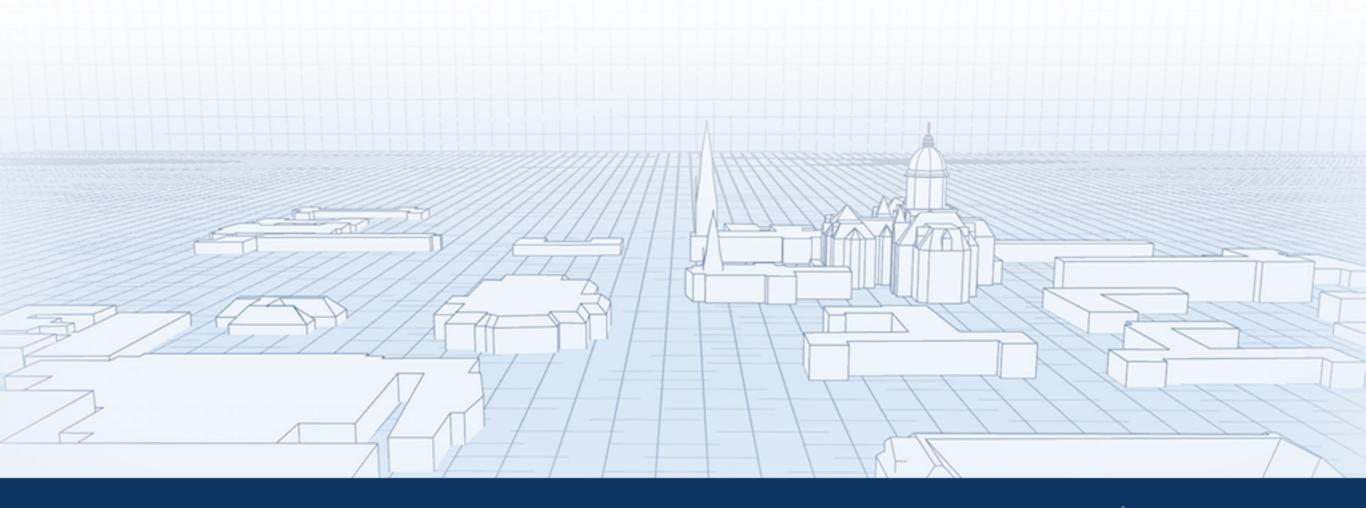
Gradebook	Nested block	Theme
 Manual Grading Group Projects Inline grading Summative Points Custom score view Custom data export Supports extended point entries 	 Multiple custom created templates Customizable courseware layout to support content and verbiage layout. (i.e. videos, text, images.) 	Custom theme created with Notre Dame's branding guidelines and color schema in mind.

Open edX + Notre Dame

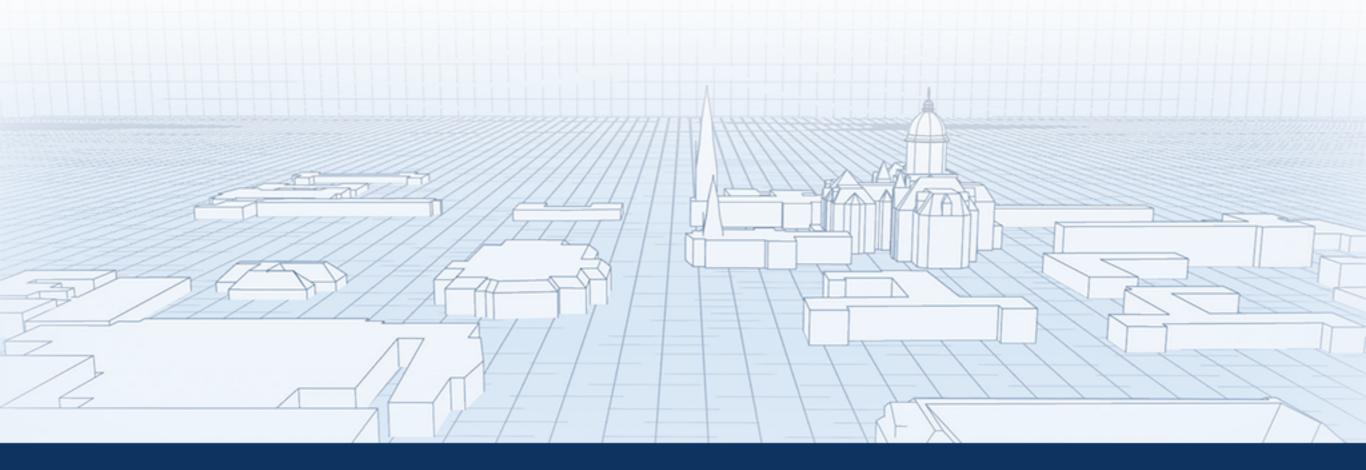
DIGITAL LE



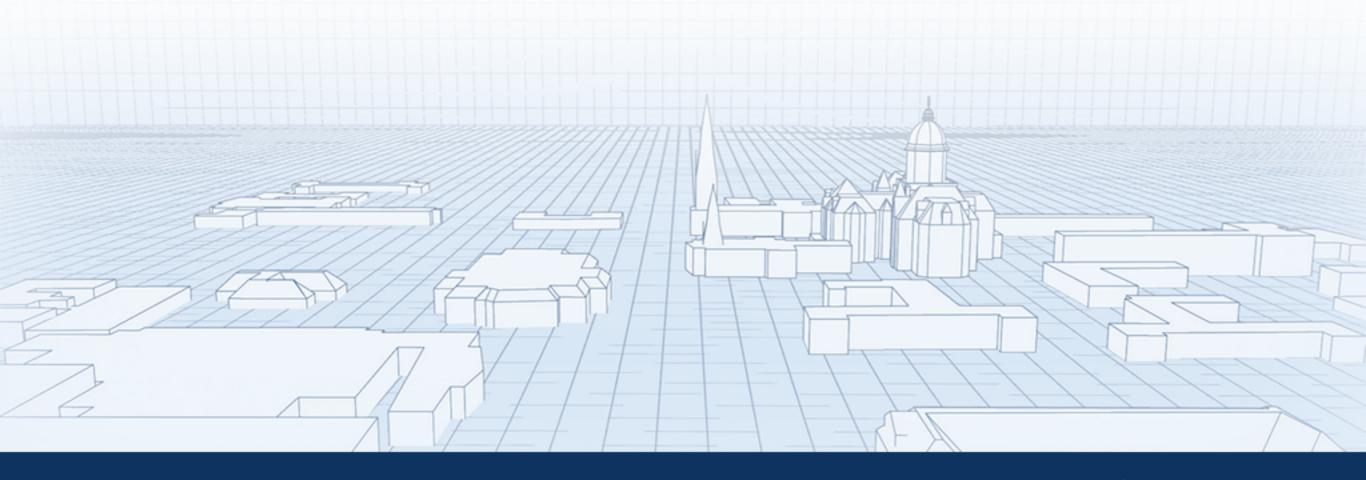
WHY?



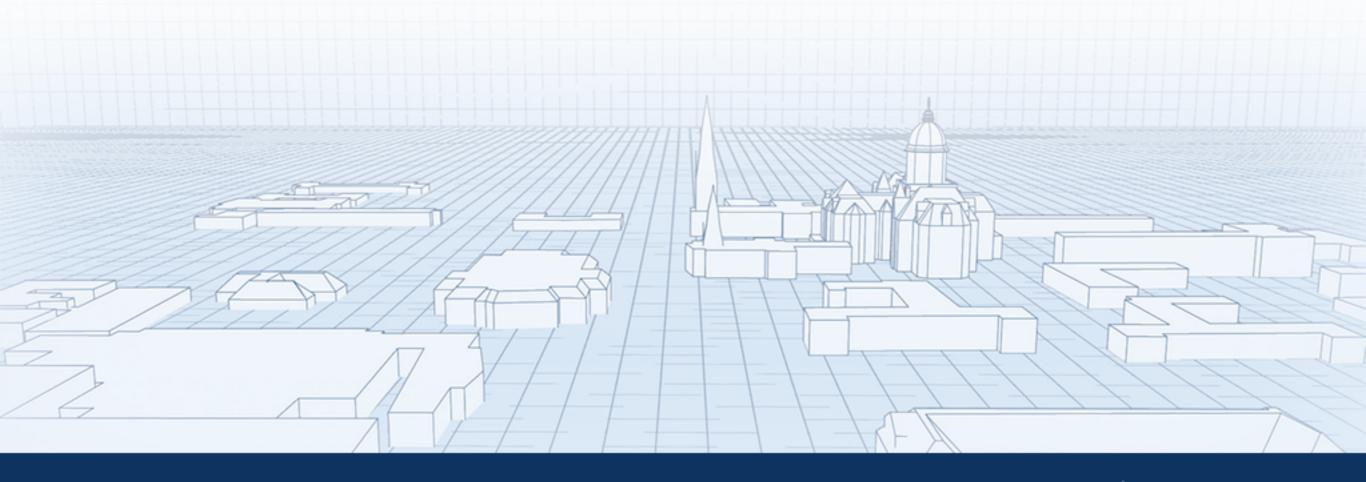
OPEN SOURCE



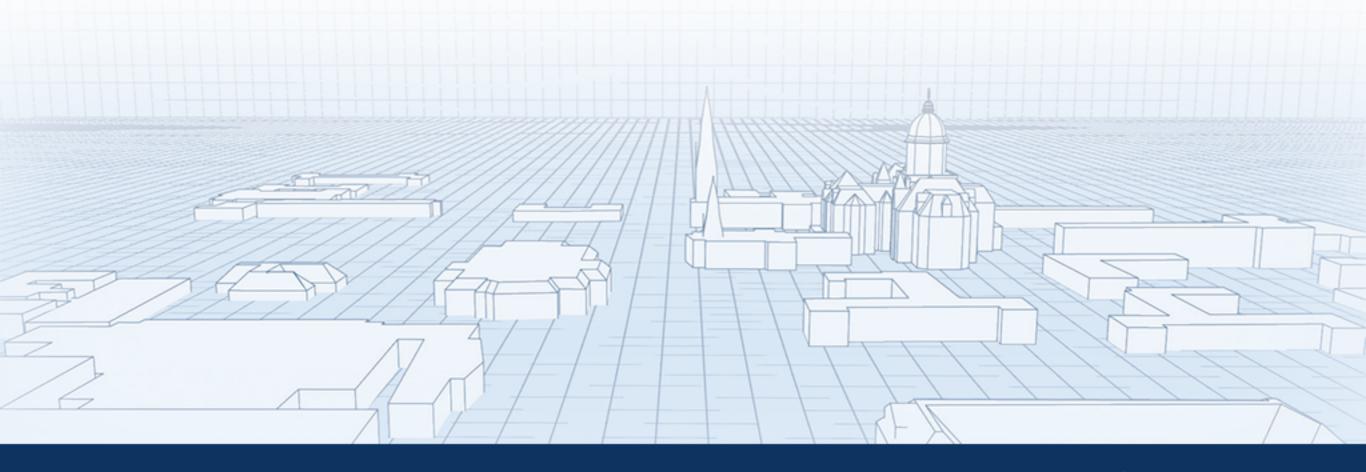
BORN ONLINE



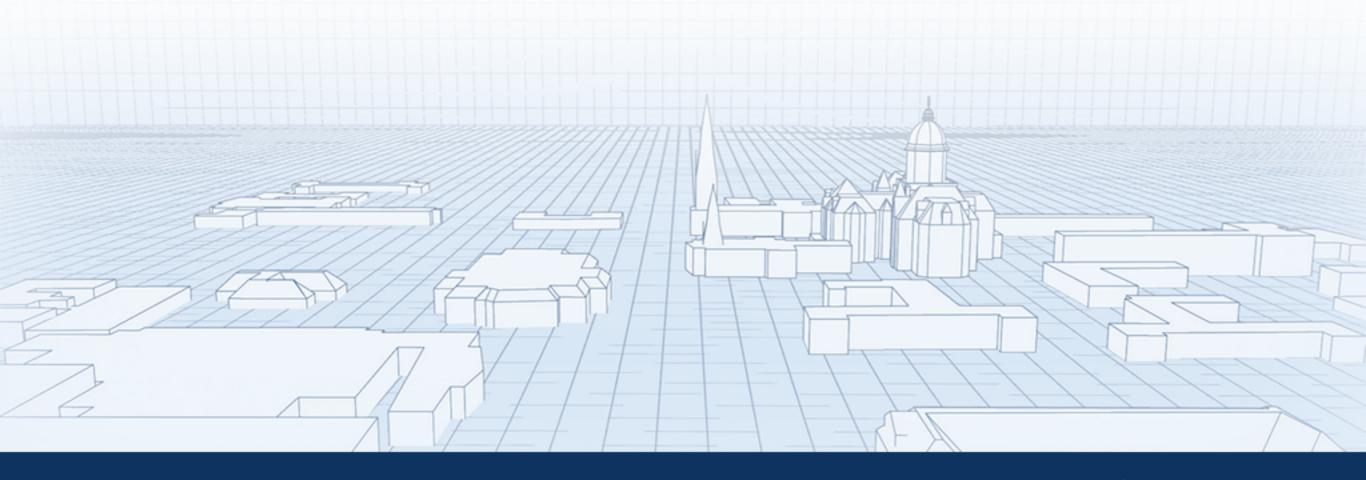
SCALABILITY OVER TIME



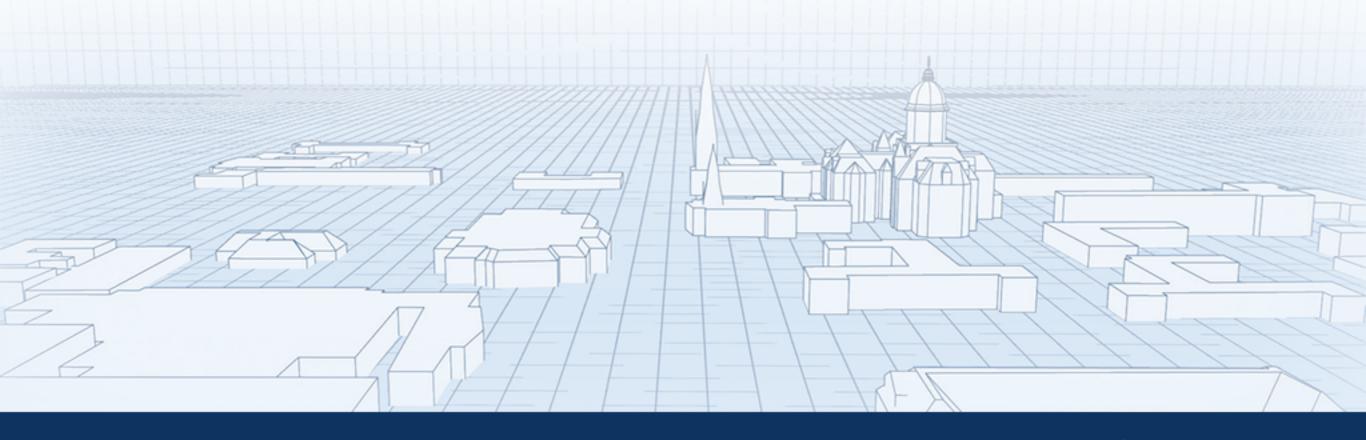
DIFFERENTIATION

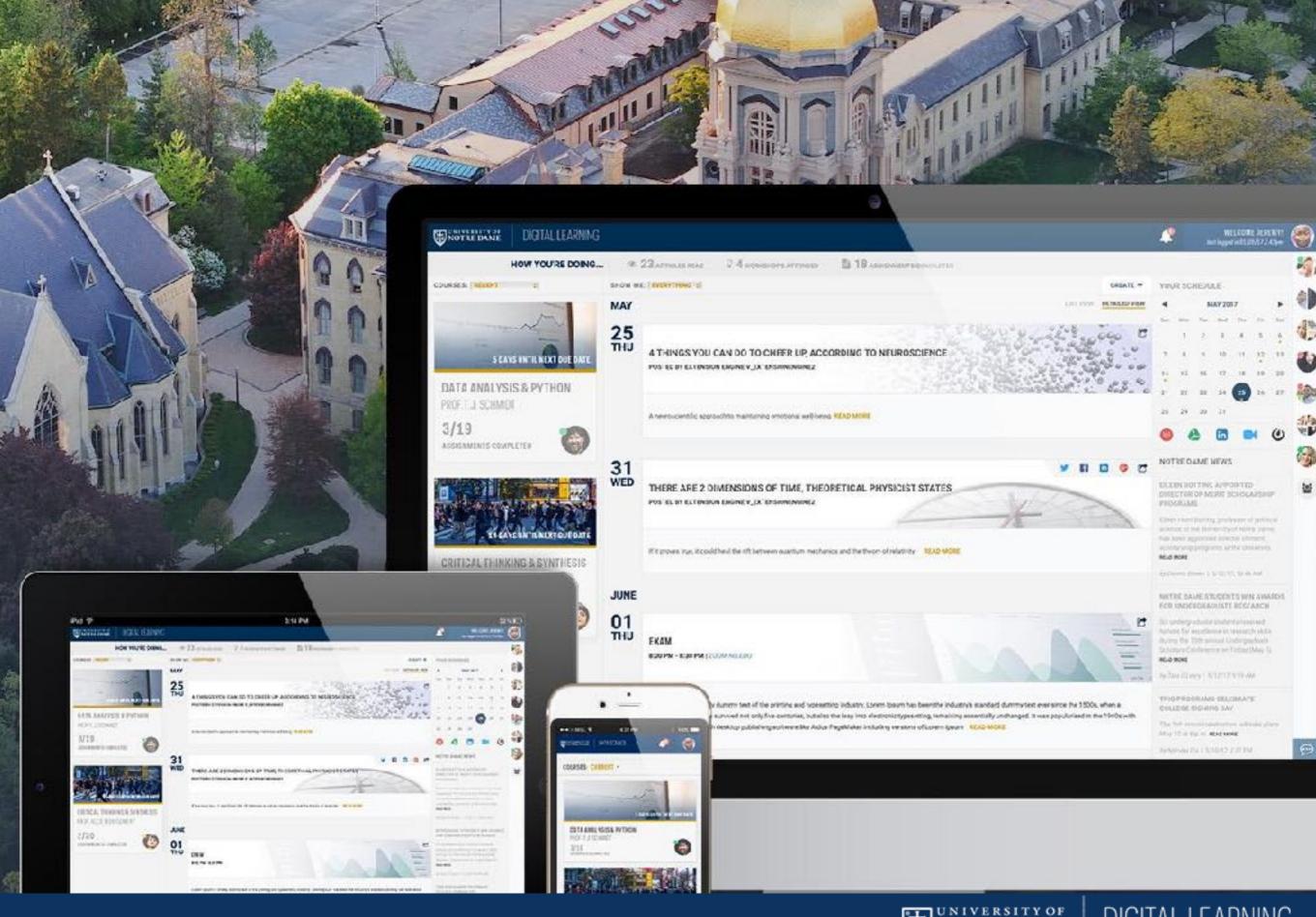


AUTONOMY



COHESION for LEARNING





Partnerships

