

DATX 6996 - Data Analytics Project

Fall 2026 Syllabus, Section 03, CRN 42770,

Credit hours: 3

Instructor

G. Jay Kerns

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Public Instructor Information

Instructor Title: Professor

Instructor Professional Qualifications:

- Ph. D., Mathematics, Statistics Specialization, Bowling Green State University
- M.A., Mathematics, Bowling Green State University
- B.A. Ed., Music, Mathematics, Science, Glenville State College

Instructor Office Location: 620 Cafaro Hall

Instructor Office Phone: (330) 941-3310

Course Description

6996. Data Analytics Project. Individual or team research project culminating in a written report or paper utilizing predictive modeling techniques, visualization, and data management techniques, possibly through a partnership with a business, industry, or government partner. If working in partnership with YSU Data Mine, concurrent enrollment in DATX 5895 is required. May be repeated. Prereq.: Permission of instructor. 1-3 s.h.

Course Readings

Group	Title	Author	ISBN
Optional			

None required.

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Proposed Topic	Due/To Prepare for Class
8/24	Meet Corporate Mentor and Team Sprint 1	
8/31		Sprint 1 Report
9/7	Sprint 2	
9/14		Sprint 2 Report
9/21	Sprint 3	
9/28		Sprint 3 Report
10/5	Sprint 4	
10/12		Sprint 4 Report
10/19	Sprint 5	
10/26		Sprint 5 Report
11/2	Sprint 6	
11/9		Sprint 6 Report
11/16	Sprint 7	

11/23	Sprint 7 Report
11/30	Final Survey
12/7	Final Presentation

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.