SYLLABUS

Mission

Dominican University of California educates and prepares students to be ethical leaders and socially responsible global citizens who incorporate the Dominican values of study, reflection, community, and service into their lives. The University is committed to diversity, sustainability, and the integration of the liberal arts, the sciences, and professional programs.

Department Name: Barowsky School of Business

Course Number: MSBA 5507.1

Course Title: Ethics, Risk Management and Data Security

Units: 3

Semester Offered: Summer 2023

Course Meeting Days: Monday 6/26 online, Saturday 7/8 in person, Monday 7/10 online, Monday 7/17 online, Saturday 7/22 in person, Monday 7/24 online, Saturday 7/29 in person, Monday 7/31 online, Monday 8/7 online, and Saturday 8/12 in person.

No Classes on holidays according to Dominican University Calendar

Course Meeting Time: Monday 7 pm to 9:40 pm; Saturday 8 am to 12:30 pm

Course Meeting Place: Mondays - Virtual (Online)
                               Saturdays in-person - Science Building, SCI 231

Prerequisites: Graduate students enrolled in the Barowsky School of Business or 4+1 business majors with Program Director approval.

Instructor Information:
Name: Ken DeJarnette

Office Phone: 213-399-8706

E-Mail Addresses: ken@kdejarnette.com and ken.dejarnette@dominican.edu

Office Location: Virtual (Online)

Office Hours: Wednesdays 1:00-3:00 PM (confirm by email: ken@kdejarnette.com) or by appointment.

DESCRIPTION OF SYLLABUS CONTENTS

1. **Disclaimer**
   This syllabus is subject to modification. The instructor will inform students of any changes.

2. **Course Description:**
   This course covers the fundamentals of being an ethical business data analyst professional. Students will learn about various ethical, legal and policy issues associated with data analytics, including dominant ethical standards, laws and codes of conduct, data security and privacy, intellectual property rights, accuracy and fairness, and risk management strategies. The course will also explore issue spotting and event response, such as security and privacy breaches and conclude with current issues.

3. **Program Learning Goal and Objective**
   Our students will make ethical utilization of business analytics. Our students will identify potential ethical issues related to business analytics and formulate appropriate solutions.

4. **Student Learning Outcomes**
   After completing the course:
   - Student will understand key general ethical, security, privacy, intellectual property and risk management concepts and principles.
   - Students will be able analyze and apply the general concepts and principles learned to help formulate solutions.

5. **Texts and Resources**
   - **Ethics and Data Science,** Authors: Mike Loukides, Hillary Mason, and DJ Patil, ISBN: 9781492043881 (epub) ([Amazon.com: Ethics and Data Science eBook: Loukides, Mike, Mason, Hilary, Patil, DJ: Kindle Store](#))
   - **The Ethical Algorithm, Authors:** Michael Kearns and Aaron Roth, ISBN: 9780190948221 (epub)([The Ethical Algorithm: The Science of Socially Aware Algorithm Design, Kearns, Michael, Roth, Aaron - Amazon.com](#))
   - **An Introduction to Privacy For Technology Professionals,** Editor, Travis D. Breaux, ISBN: 9781948771917 ([An Introduction to Privacy for Technology Professionals (Digital) (iapp.org)](#))

- **Cybersecurity Fundamentals, Study Guide, 3rd Edition,** ISACA, ISBN: 978-1-60420-751-4 (Cybersecurity Fundamentals Study Guide eBook (isaca.org))
- **HBP Coursepack (two case studies**): https://hbsp.harvard.edu/import/1059357

6. **Library Support**

   Phone: 415-485-3251

   Email: ref@dominican.edu

7. **Online Components of the Course**

   Moodle: http://moodle.dominican.edu Class reading, and preparation assignments are set forth in Moodle.

   HBP Coursepack (cases and articles): https://hbsp.harvard.edu/import/1059357

8. **Assessment**

DESCRIPTION	Weightage
Attendance and class participation	30%
Midterm Exam	35%
Final Project and Presentation	35%
Total	**100%**

9. **Academic Honesty Honor Code**

   Students are expected to adhere to the Academic Honesty Honor Code stated in the Catalog.

   Dominican University of California - Academic Honesty (smartcatalogiq.com) (https://dominican.smartcatalogiq.com/en/2022-2023/academic-catalog/academic-policies-and-procedures/academic-honesty/)

   Dominican University of California is rooted in the Dominican ideals of love of truth, beauty, and the life of the mind, combined with a deep respect for the dignity and worth of the individual. All of our community members are expected to abide by ethical standards both in their conduct and in their exercise of responsibilities toward other members of the community.

   Plagiarism is an act of academic dishonesty and is a serious ethical and scholarly violation. Broadly defined plagiarism is presenting the work of another person as one's own. The format of the information you use is irrelevant; any material [produced] by

another that you incorporate into your papers must be properly acknowledged using the style manual appropriate to the discipline or required by the instructor. Similar care must be taken in the preparation of oral presentation.

There are two main forms of **plagiarism**:

- Direct copying of any source without proper acknowledgment.

- Integrating ideas or concepts from one or various sources without citations.

10. Diversity

Develop an ability to communicate in a respectful and effective manner with people from diverse backgrounds.

11. Grading

A 93% or better	A- 90 to 92%	B+ 87 to 89%	B 83 to 86%
B- 80 to 82%	C+ 77 to 79%	C 73 to 76%	C- 70 to 72%
D 60 to 69%	F Below 60%		

12. Expectations for Students
Participants are expected to:

- Show evidence of mastery of the assigned reading and to take part in verbal discussions each session.

- Have citations and references in their presentations and written work. It will impact your grade if they are not sufficient or incorrect.

- To be clear, concise, and to the point in both their written work and verbal discussions.

All assignments must be turned via Moodle before the start of each class. No late assignments will be accepted without the express permission of the instructor.

13. Students with Disabilities
Dominican University of California is committed to equal access for students with disabilities in accordance with the American's with Disabilities Act of 1990. Any student who feels she/he may need an accommodation based on the impact of a disability should

contact the Office of Disability Services *at* 415-257-1388 *as soon as possible* to discuss specific needs. *Please submit the subsequent paperwork to the instructor right away.*

14. Student Course Evaluations

Dominican University of California is committed to an ongoing evaluation of its programs and courses through a culture of constructive dialogue and feedback. As part of that process, students are required to fill out the online anonymous course evaluation for every course with the understanding that these evaluations have direct bearing on departmental and university hiring and promotion decisions. The instructor will designate a specific day at the end of the semester on the syllabus and set aside time during class time for students to complete the evaluation. Students are to bring a laptop, tablet, or smartphone to class on that day to complete the evaluation. If a student lacks such a device, a laptop can be checked out from the library. The link to the survey will be sent to all the students enrolled in the class by the IT Department. The instructor will leave the room for approximately 15 minutes as the students complete the evaluations.

15. Course Schedule (Detailed schedule and reading assignments are in Moodle)

Date	Day	Class Activity
June 26	Mon	**Introduction (2 hrs, 40 mins)** ● Course Orientation (Review Syllabus) ● Case Study: *Williams vs. Detroit* ● Final presentation topics **General legal and regulatory concepts** ● Case study: *FTC v. RealPage* ● General overview of sources and types of law ● General legal concepts ● Comparative discussion: EU and US approach to AI regulation **Issue spotting - Perfect Grocery Case Study Overview – Unfair and deceptive practices**
July 8	Sat	**Data Ethics (4 hrs, 30 mins)** ● General ethical framework ● What ethically significant harms and benefits can data present? ● Case Study: Fred and Tamara – request for a loan to own restaurant ● Common ethical challenges for data practitioners and users ● Case Study: Facebook - user emotional manipulability ● Case Study: OkCupid ● Data practitioners' obligations to the public **Issue spotting - Perfect Grocery Case Study – Ethical Issues**

July 10	Mon	**Cyber Security (2 hrs, 40 mins)** ● Case Study: *Zoom Video Communications, Inc.,* ● Fundamental concepts and principles ● Frameworks ● Assessments/Assurance **Issue spotting - Perfect Grocery Case Study – Cyber security Issues**
July 10-17	Make App.	**Requirement: Virtue Final Presentation Team Meeting with Professor between July 10th and 17th**
July 17	Mon	**Privacy (2 hrs, 40 mins)** ● Key concepts and principles ● Fair Information Privacy Practices ● The Limitations of Privacy Rights ● Review of current California and European privacy laws **Issue spotting - Perfect Grocery Case Study – Privacy**
July 22	Sat	**Privacy (4 hrs, 30 mins)** ● Case Study: Facebook (HBP Coursepack) **Risk Management and Corporate Governance (2 hrs, 40 mins)** ● Accountability, Control and Oversight ● Policies, guidance and documentation ● Addressing risks ● Compliance, objectivity and skepticism ● Assessment and validation ● Monitoring **Issue spotting - Perfect Grocery Case Study – Risk and Governance Issues**
July 22	Sat	**Midterm – (Issued July 22nd after class and due July 24th by 6:00 p.m.)**
July 24	Mon	**Guest Speaker, Midterm Review, Certifications (2 hrs, 40 mins)** ● Guest Speaker: Ravi Inthiran, VP, Internal Audit & Privacy Office, Ripple ● Review midterm ● Certifications ● Q&A: Final Presentations
July 29	Sat	**Accuracy, Fairness, Autonomy and Transparency (4 hrs, 30 mins)** ● Data accuracy and validation ● Fairness and bias ● Autonomy ● Transparency ● Case Study: Hiring by Machine ● Guest Speaker: Vincent Valvano, SVP, Corporate Model Risk, Wells Fargo

July 31	Mon	**Intellectual Property and Data Collection (2 hrs, 40 mins)** ● Key concepts and principles ● Data acquisition - Source, Use, Geography and Time ● Protecting IP ● Case Study: *hiQ Labs, Inc. v. LinkedIn Corp*
Aug 7	Mon	**Incident Response** ● Case Study: iPremier (A): Denial of Service Attack **General Frameworks (2 hrs, 40 mins)** ● Landscape ● Common concepts **Professionalism** • Professional Responsibilities
Aug 12	**Sat**	**Final Presentations (Students must be in-person)**

16. The class is taught partially through the Socratic method and case studies.

The Socratic Method is a style of teaching that revolves around asking students a series of questions rather than simply delivering information. This method, named after the ancient Greek philosopher Socrates, is designed to stimulate critical thinking, debate, and problem-solving skills. It encourages students to articulate their thoughts and to critically examine their own beliefs and assumptions.

Case studies are used in teaching to help students apply theoretical knowledge to real-world situations. Case studies often involve real-world scenarios, which can be more engaging than abstract concepts. The purpose of using case studies in teaching includes:

o Application of theory,
o Development of critical thinking,
o Enhancement decision-making skills,
o Development of Communication skills, and
o Understanding of different perspectives