

NEW COURSE FOR SUMMER 2020

GENB 7397 Experiential Learning in Data Visualization

3 credit hours elective credit for MBA students. MSF students would have to petition to Dr. Yerramilli through me to see if the course could be counted.

Summer 2 (June 1-July 1)

Taught online, primarily asynchronously, with one weekly synchronous meeting on Wednesdays 11:00 a.m. – 12:00 p.m

Instructor: Dr. Emese (Mesh) Felvegi efelvegi@bauer.uh.edu

Prerequisite: Graduate standing

Course description: Open government data sets from energy, finance, transportation, healthcare, and other fields allow for exciting ways to utilize popular desktop and cloud applications from Microsoft to gain practical skills for any business environment. A practical approach to key 21st century concepts related to business intelligence combined with data analysis, visualization, and report authoring will help you become more competitive in the workforce. This course will cover locating, processing, analyzing, visualizing, and reporting data by leveraging Microsoft Excel and Power Pivot, Power BI, and Microsoft Teams.

Learning goals and course objectives will be accomplished through readings, discussions, assignments, and a case study regarding data sets chosen by course participants from the Energy Information Administration, Consumer Financial Protection Bureau, National Highway Traffic Safety Administration, The Centers for Medicare - Medicaid Services.