MGSC 416. DATA-DRIVEN MODELS FOR OPERATIONS ANALYTICS.

Credits: 3

Offered by: Management (Desautels Faculty Management)

Terms offered: Winter 2026

View offerings for Winter 2026 in Visual Schedule Builder.

Description

Examination of how data-driven models have been used to transform businesses and industries, using examples and case studies in e-commerce, retail, social and online networks, sports analytics, and online advertising. Demonstration of the use of data-driven analytics methods such as time series forecasting, network models, mixed-integer optimization, matching markets and exploration/exploitation.

- Prerequisites: MGCR 271, INSY 336 or permission of instructor and approval of the BCom Program Office
- Restriction: Not open to students who have taken MGSC 434 when the topic was "Data-Driven Models for Operations Analytics"

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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