FALL 2025

DSO 547

SPREADSHEET MODELING FOR BUSINESS INSIGHTS

Tuesday / 6:30–9:30 PM
ONLINE COURSE
PROFESSOR: BALA SUBRAMANIAN

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Units: 3
Office: BRI/TBD

WHY TAKE THIS COURSE?

Aspiring finance professionals, business analysts, quant-savvy entrepreneurs, and management consultants need spreadsheet modeling skills to draw insights and build projections amidst uncertain conditions.
Class is led by someone who has served as senior executive in varied organizations (Fortune 1 to startup), established and managed analytics functions to influence and drive billion-dollar impacts & lasting competitive advantage.

🌐 SCHEDULE OF CLASSES

COURSE OBJECTIVES

Using Excel as the platform, this course trains professionals to become effective modelers: to translate industry challenges into well-formulated spreadsheet models, then use those models to drive decision-making.

KEY CONCEPTS

- Spreadsheet Modeling
- Multiple Regression Modeling
- What-if/Sensitivity Analysis
- Decision Analysis (Decision Trees)
- Montecarlo Simulation

- Data Tables & Pivot Tables
- Optimization
- Scenario & Risk Analysis
- Financial Modeling
- Driving Insights to Action

Course Description

It has been said that "insights" are the true "breakfast of champions", and spreadsheets (Excel) have become a widely used, indispensable tool for business analysis. The course teaches spreadsheet modeling skills as well as industry best practices and expectations. Modeling skills are developed throughout the course using examples from many functions and industries. In addition to general modeling skills, the course will teach a handful of frameworks and tools useful to drawing managerial insights. Special emphasis is placed on understanding the fundamental drivers to quantitative decision-making as well as the communication skills necessary to drive organizational change.
Some basic experience with Excel/spreadsheets expected; your proficiency & confidence will get much higher, becoming a real asset in any role.