

Course Plan

Topics	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17
An Overview of Business Intelligence, Analytics, and Data Science																	
Types of Analytics																	
Descriptive Analytics I Nature of Data, Statistical Modeling, and Visualization																	
Assignment 1 BI Tools, <i>due 23 February</i>																	
Descriptive Analytics I (continuation)																	
Descriptive Analytics II Business Intelligence and Data Warehousing																	
Descriptive Analytics II (continuation)																	
Predictive Analytics I Data Mining Process, Methods, and Algorithms																	
Project Proposal																	
Predictive Analytics I (continuation)																	
Assignment 2 MCDM (Multi Criteria Decision Model) / AHP (Analytical Hierarchy Process), <i>due 30 March</i>																	
Predictive Analytics II Text, Web, and Social Media Analytics																	
Prescriptive Analytics Optimization and Simulation																	
Project Progress Report																	
Prescriptive Analytics (continuation)																	
Big Data Analytics (Concepts and Tools)																	
Big Data Analytics (continuation)																	
Future Trends, Other Considerations in Analytics																	
Final Project Report																	

Mid-sem Exam

Final Exam