

Draft Agenda

Time (Eastern)	Day 1	Day 2	Day 3	Day 4	Day 5		
10:00 AM	Welcome & Introduction	Sample Mean, Central Limit Theorem, P-Values, and Hypothesis Testing	Simulation	Introduction to Decision Analysis	Introduction to Bayesian Networks		
				Decision Making Challenges			
	Summarizing Data, Part I		Monte Carlo Methods	Foundations			
11:00 AM				Selecting a Decision Process	Break		
	Exercise			Framing the Decision	Bayesian Networks in Practice		
12:00 PM	Lunch	Lunch	Lunch	Lunch	Lunch		
1:00 PM	Summarizing Data, Part II	Linear Regression and Connection to P-Values	Introduction to Optimization	Crafting Objectives and Value Measures	Leaning Bayesian Networks from Data		
			Integer Optimization				
2:00 PM	Exercise		Break	Exercise		Designing Alternatives	
	Summarizing Data, Part III and Introduction to Python	Logistic Regression	Break	Break	Break		
3:00 PM							
4:00 PM	Exercise	Break		Deterministic MODA	Causal Analysis		
	Analytic Problem Framing	Time Series	Exercise	Portfolio Analysis	Practicum		
5:00 PM					Sensitivity Analysis	Break	
					Wrap-Up & Conclusion		
6:00 PM	Conclusion	Conclusion					

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