MIT Professional Education

AI AND ML: LEADING BUSINESS GROWTH

PROGRAM SCHEDULE

Week	Session & Topic	Date	Time (EST)	Duration	Instructor/ Speaker
Week 1	Welcome & Introductions	4/18/2025, Friday	9:00 - 10:00 am	1	
Week 2	Session 1: Intro + AI (history) + Why Care	4/29/2025, Tuesday	9:00 - 10:30 am	1.5	Jehangir Amjad
Week 2	Session 2: AI Fundamentals: Key Building Blocks	5/2/2025, Friday	9:00 - 10:30 am	1.5	Devavrat Shah
Week 3	Session 3: Lifecycle of an ML/AI Initiative - Part 1	5/6/2025, Tuesday	9:00 - 10:30 am	1.5	Jehangir Amjad
Week 3	Session 4: Lifecycle of an ML/AI Initiative - Part 2	5/9/2025, Friday	9:00 - 10:30 am	1.5	Jehangir Amjad
Week 4	Session 5: High Dimensional Data	5/13/2025, Tuesday	9:00 - 10:30 am	1.5	Devavrat Shah
Week 4	Session 6: Data Conditioning, Matrix Completion	5/16/2025, Friday	9:00 - 10:30 am	1.5	Devavrat Shah

Week	Session & Topic	Date	Time (EST)	Duration	Instructor/ Speaker
Week 5	Session 7: Time Series: AI for Tabular Data	5/20/2025, Tuesday	9:00 - 10:30 am	1.5	Devavrat Shah
	Session 8: Transforming Organizations to Embrace AI	5/23/2025, Friday	9:00 - 10:30 am	1.5	Jehangir Amjad
Week 6	**Memorial Day Break**				
Week 7	Session 9: Project Check In	6/3/2025, Tuesday	9:00 - 10:30 am	1.5	Devavrat Shah+ Jehangir Amjad
	Session 10: Clustering	6/6/2025, Friday	9:00 - 10:30 am	1.5	Devavrat Shah
Week 8	Session 11: Text Data	6/10/2025, Tuesday	9:00 - 10:30 am	1.5	Devavrat Shah
	Session 12: Regression	6/13/2025, Friday	9:00 - 10:30 am	1.5	Jehangir Amjad
Week 9	Session 13: Classification	6/17/2025, Tuesday	9:00 - 10:30 am	1.5	Jehangir Amjad
	Session 14: Responsible AI and Explainability	6/20/2025, Friday	9:00 - 10:30 am	1.5	Jehangir Amjad

Week	Session & Topic	Date	Time (EST)	Duration	Instructor/ Speaker
Week 10-11	**July 4th Break**				
Week 12	Session 15: Evaluation, Generalization	7/8/2025, Tuesday	9:00 - 10:30 am	1.5	Jehangir Amjad
	Session 16: Neural Networks and LLMs	7/11/2025, Friday	9:00 - 10:30 am	1.5	Jehangir Amjad
Week 13	Session 17: Training LLMs	7/15/2025, Tuesday	9:00 - 10:30 am	1.5	Jehangir Amjad
	Session 18: Scenario Analysis	7/18/2025, Friday	9:00 - 10:30 am	1.5	Devavrat Shah
Week 14	Session 19: "Agentic AI"	7/22/2025, Tuesday	9:00 - 10:30 am	1.5	Jehangir Amjad
	Session 20: Optimized and Sequential Decisions	7/25/2025, Friday	9:00 - 10:30 am	1.5	Devavrat Shah
Week 15	**Break-Project Preparation**				

Week	Session & Topic	Date	Time (EST)	Duration	Instructor/ Speaker
Week 16	Session 21: Project Check In	8/5/2025, Tuesday	9:00 - 10:30 am	1.5	Devavrat Shah+ Jehangir Amjad
	Session 22: Deploying, Testing, Monitoring AI/ML Solutions	8/8/2025, Friday	9:00 - 10:30 am	1.5	Jehangir Amjad
Week 17-18	**Break-Project Preparation**				
Week 19	Session 23: Presentations	8/26/2025, Tuesday	9:00 - 11:00 am	2	Devavrat Shah+ Jehangir Amjad
	Session 24: Presentations	8/29/2025, Friday	9:00 - 11:00 am	2	Devavrat Shah+ Jehangir Amjad
Week 20	Certificate Ceremony	9/5/2025, Friday	9:00 - 10:00 am	1	Devavrat Shah+ Jehangir Amjad

* Program Schedule is subject to changes