



UNIVERSITY OF
THESSALY

Educational Program on Machine Learning & Artificial Intelligence
Schedule & Scope

Program Week	Date	Delivery Method	Timeslot	Topic / Content	Duration (Training Hours)
Week 1	Friday, November 7	On Premises	14.00-15.00 Welcome Session 15.00-15.15 Break (15') 15.15-16.45 Session 1 16.45-17.15 Break (30') 17.15-18.45 Session 2 18.45-19.00 Break (15') 19.00-19.45 Session 3	Introduction & Welcome	1
				Introduction to Python, Machine Learning & Artificial Intelligence	2
				Discriminative Machine Learning - Exploratory Data Analysis - Data Preprocessing - Classification	3
	Saturday, November 8	On Premises	10.00-11.30 Session 1 11.30-11.45 Break (15') 11.45-13.15 Session 2 13.15-13.45 Break (30') 13.45-15.15 Session 3	Discriminative Machine Learning - Classification	1
				Intro to Generative & Agentic AI - Using an LLM in your app - Build a ReAct agent	3
				Lab Time Real Case Scenario: Optimization & Refinement by students in teams	2
Week 2	Monday, November 10	Online	<i>To be defined</i>	Mentoring Session (30')	
	Tuesday, November 11	Online	15.00-16.30 Session 1 16.30-16.45 Break (15') 16.45-17.30 Session 2	Project Development	3
	Wednesday, November 12	Online	<i>To be defined</i>	Mentoring Session (30')	
	Thursday, November 13	Online	<i>To be defined</i>	Mentoring Session (30')	
	Friday, November 14	Online	15.00-17.30 Session 1	Presentations & Closing Remarks	3
				Total	18