



Master of Engineering in Computer Engineering

Machine Learning - Fall, 2024

Optional synchronous sessions: Mondays at 4:00-5:00 pm ET and Wednesdays at 10:00-11:00 am ET

	Assignments	Due Dates
Orientation Activities September 16 - 18	Introductions	Wednesday, September 18, 8:00 pm ET
	Syllabus Review	Wednesday, September 18, 8:00 pm ET
	Submitting a GitHub Repository	Wednesday, September 18, 8:00 pm ET
	Team Formation Survey	Wednesday, September 18, 8:00 pm ET
Sprint 1: September 16 - 30 Overview and Review of Linear Algebra, Probability and Statistics	Sprint 1 Discussion	First post: Monday, September, 23 8:00 pm ET. Responses: Monday, September 30, 8:00 pm ET
	Sprint 1 Online Exercises*	Monday, September 30, 8:00 pm ET
	Sprint 1 Problem Set	Monday, September 30, 8:00 pm ET
	Team Lab Assignment	Monday, September 30, 8:00 pm ET
	Team Project Plan Draft	Monday, September 30, 8:00 pm ET
Sprint 2: September 30 - October 14 Linear Models	Sprint 2 Discussion	First post: Monday, October 7, 8:00 pm ET. Responses: Monday, October 14, 8:00 pm ET
	Sprint 2 Online Exercises*	Monday, October 14, 8:00 pm ET
	Sprint 2 Problem Set	Monday, October 14, 8:00 pm ET
	Sprint 2 Lab Assignment	Monday, October 14, 8:00 pm ET
	Team Project Work	Monday, October 14, 8:00 pm ET

	Assignments	Due Dates
Sprint 3: October 14 - 28 Neural Network Models	Sprint 3 Discussion	First post: Monday, October 21, 8:00 pm ET. Responses: Monday, October 28, 8:00 pm ET
	Sprint 3 Online Exercises*	Monday, October 28, 8:00 pm ET
	Sprint 3 Problem Set	Monday, October 28, 8:00 pm ET
	Sprint 3 Lab Assignment	Monday, October 28, 8:00 pm ET
	Team Project Work	Monday, October 28, 8:00 pm ET
Sprint 4: October 28 - November 4 (<i>Note:</i> Sprint 4 is 1 week) Kernel Machines	Sprint 4 Online Exercises*	Monday, November 4, 8:00 pm ET
	Sprint 4 Problem Set	Monday, November 4, 8:00 pm ET
	Sprint 4 Lab Assignment	Monday, November 4, 8:00 pm ET
	Team Project Work	Monday, November 4, 8:00 pm ET
Sprint 5: November 4 - 25 (<i>Note:</i> Sprint 5 is 3 weeks) Unsupervised Learning	Sprint 5 Discussion	First post: Monday, November 11, 8:00 pm ET. Responses: Monday, November 18, 8:00 pm ET
	Sprint 5 Online Exercises*	Monday, November 18, 8:00 pm ET
	Sprint 5 Problem Set	Monday, November 18, 8:00 pm ET
	Sprint 5 Lab Assignment	Monday, November 18, 8:00 pm ET
	Team Project Finalized	Monday, November 25, 8:00 pm ET

*Online Exercises are the activities interleaved with the reading items and videos in our online modules which were designed to help you develop your engineering practice. Activities include reflection and intuition cultivation, skill building and application, and coding work.