

ML Schedule Fall 2024 Akbar Rafiey

	Mon	Tue	Wed	Thu	Friday	Sat	Sun
Week 1					Sep06: Lec1(intro and regression). Demo 1 & 2.	Lab1 released	
Week 2				Lab 1 due	Sep13: Lec2(Multi regression, regularization) Demo 3 & 4,	HW1 released	
Week 3					Sep20: Lec3(Naive Bayes) Demo		
Week 4				HW1 due	Sep27: Lec4(Bayesian Perspective, Modeling Language) Lab 2 release		
Week 5					Oct 4: Lec 5(K-nearest neighbors,Logistic Regression,Optimization) demo_breast_cancer	HW2 released	
Week 6				Lab 2 Due	Oct11: Lec 6(Gradient Descent, Stochastic Gradient Descent)		
Week 7			HW2 due		Midterm Oct 18	Lab 3 (in demo)	
Week 8					Oct25: Lec 7(Finish Gradident Descent, Introduction to Learning Theory, the PAC model) gradient_descent_demo_and_lab.ipynb	HW3 released	
Week 9				Lab 3 due	Lec 8 Nov 1 (Kernel Methods, Support Vector Machines) demo_mnist_svm.ipynb		
Week 10				HW3 due	Lec 9 Nov 8 (Introduction to Neural Nets, Backpropagation) (2 demos in this week)	Lab 4	
Week 11					Lec 10 Nov 15(Convolution, Feature Extraction, Adversarial Examples) 3 Demos for this week		
Week 12				Lab 4 due	Lec 11 Nov 22 (Auto-encoders, Principal Component Analysis, Semantic Embeddings)	HW4 released	
Week 13					Nov 29 Thanksgiving		
Week 14				HW4 due	Lec 12 Dẹc 6 (Semantic embeddings, Image Sythesis) Demo on Diffusion Generation.ipynb.		
Week 15					Dec 13 Reading Day (Lec 13 ???)		
Week 16					Final Exam		