

## Foundations of Machine Learning – Project Presentation Schedule

Monday Dec 15, WWH Room 109, 5:00PM–7:00PM.

Project Title	Group Members
Predicting visual neuron responses with a convolutional neural network	Andrew Zaharia
Sample Compression Analysis	Ariel Holtzman, Aoshi Li
Asset Allocation: Machine Learning perspective	Ashish Trivedi
CTR Prediction for mobile advertisements	Dewei Chen, Mayank Singh
One-shot learning for image classification	Eli Bingham
Reinforcement learning with applications in fluid-body interactions	Fang Fang
Loan Default Prediction using Lending Club Data	Jiayu Wu
Learning to rank with modified Machine Learning approaches	Mengfei Li, Yi-I Chiu
Online learning with changing or drifting teachers	Michael Mitchell
Decoding arm movements from brain signals using kernel-ARMA	Michael Rabadi
Most Valuable Football Player in Italian League	Peng Gao
Sparse formulation for SVMs	Prasoon Goyal
Extraction of Entities and Relations from the GENIA corpora using various Machine Learning techniques	Pujitha Gade
Learning Techniques for Chess endgames	Siva Nagi Reddy Modugula
Machine Learning for AdTech (Advertising Technology)	Vangie Shue
Learn to compose a melody	Xiaoyu Xu, Qinhua Yan
Identifying Correct Dynamics of Differential Equations Using SVM	Yifei Sun, Chenyue Wu
NBA awards prediction	Zhenwei Gu

Monday Dec 15, WWH Room 512, 5:00PM–7:00PM.

Project Title	Group Members
Predicting Gentrification	Davin Reed, Rob Collinson
Noise and Boosting Algorithms	Diego F. Rincon Santana
Authorship Identification from text	Emily Koo, ChungLing Yao
Boosting techniques in NLP	Jasmine Hsu, Julien Rabinow
Learning Darknet Markets	Luis Armona, Daniel Stackman
Classifying New York Times Articles that will be Cited on Wikipedia	Molly Alter
Sentiment Analysis with Recurrent Neural Networks	Philip Greengard, Yoon Kim
Optimize NDCG of Recommendation via Matrix Factorization	Rui Shen
Learning in the Iterated Prisoner's Dilemma	Runnan Yang, Patrick Russo
Machine Learning applications in Blood Sugar Prediction and Diabetes Management	Sam Royston
Survey of SVM Kernels and a Framework for Choosing the 'Right One'	Scott Buckfelder
Maxent Density Estimation	Sunli Tang
Purpose Mining on Twitter Information	Weicheng Ma, Zeyu He, Yixun Wang
Learning low false negative rate in advertise recognition	Xihua Yang
Index replication with machine learning	Yingjie Fei, Stephen Hu, Daniel Zhou
Graph Clustering	Zi Wang
Learning Root Causes of Type Errors	Zvonimir Pavlinovic