
May 20, 2013; Room WWH 109 5:00–7:00PM.

Learning how to play poker. Noah Stephens–Davidowitz.
Network intrusion detection. Campbell Hoffman.
Improving Recommendation Lists through Topic Diversification. Pratik Ramdharne, Aniket Ajagaonkar, Nichiket Panse.
Learning and Generating Tonal and Atonal Musical Phrases. Asher Krim and Oliver Budiardjo.
Software defect detection using machine learning. JinYoung Heo.
Active learning survey. Di Feng.
Learning song similarity from user ratings. Rachel Bittner, Rachel Hodos.
Document's Author Identification. Alexandr Kuznetsov.
Determination of Type 2 Diabetes Mellitus from electronic medical records, Aditya Garg, Akhilesh Manjunath.
Sound sources separation from a single audio stream. Akshay Kumar, Pratik Goyal, Tian Jiang.
User movie rating prediction using Collaborative Filtering techniques. Jeetendra Nihalani, Vishal Shah.
Empirical Analysis of Supervised Learning Algorithms. Aditya Bhatia, Deepak Channaveeraiah, Rahul Pandey.
Classifying Proteomics data. Laura Florescu, Chaya Ganesh, Sasha Golovnev.
Online learning theory. A survey of recent results. Vitaly Kuznetsov.
A PAC–style Model for Learning from Labeled and Unlabeled Data. Varun Ahluwalia.
Applying Machine Learning in Modern Cryptography. Turki Turki
A survey on calibrated forecasting. Tess Avitabile.

May 20, 2013; Room WWH 517 5:00–7:00PM.

Empirical analysis of machine learning algorithms on predicting stock price. Cong Xiu, Xiting Tian, Yu Xu.
Random Forests Survey. Wei Fu.
Predicting Foreign Exchange Market Movements, Dmitry Storcheus, Tom Waters, Wilson Kung.
Supervised learning for guitar chord voicing identification aided by the use of MIDI pickups. Jun Hee Lee.
Learning with Similarity Functions. Sukriye Kara.
Effect of Sentiment Analysis of Financial News on the Commodity Market. Application to the Gold Market. Jinho Jang, Tingliang Guo.
Dependency tree based text classification, Tao He.
A Survey of the Graph Laplacian in Machine Learning. Raiden Hasegawa.
Clustering Breast Cancer Data. Sayli Joshi.
Matrix completion using low–rank regression. Kuang–Che Lee, Yung–Hsuan Hsu, Chen–Chien Wang.
Movie Recommendation System. Zhan Huang, Wenjie Chen.
Predicting information flow in Twitter. Eaman Jahani.
Supervised Spike Sorting of Non–Stationary Data. Stephen Keeley, Ansa Ephraim, Mel Win Khaw.
Recommendation algorithm for dating website. Zhanyi Dong.
Comparing machine learning algorithms on trading strategies. Malav Shah, Kunal Balani, Anjaney Shrivastava.
