In this talk, a cloud based predictive maintenance solution is demoed including real-time machine condition monitoring, and batch prediction. By showing a procedure of data input, data preprocessing, data labeling and feature engineering to prepare the training/testing data, the speaker will present how to build and operationalize the predictive model by using Azure Machine Learning Studio to deploy it as a web service.

Dr. Yan Zhang is a Sr. Data Scientist in Information Management and Machine Learning, Cloud & Enterprise, Microsoft. She builds predictive analytics models and generalizes machine learning solutions on Cloud machine learning platform. Her recent research includes predictive maintenance in IoT applications, customer segmentation, and text mining.

Monday Nov. 9,
1:30-2:30 PM
IT-Lab (S-3-143)

Refreshments will be served!