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Differential Equations and Applied Math Seminar

Dr. Bahaudin Hashmi, Texas State University

11am-12pm February 21st, 2020

336 Derrick Hall

Title: Implementation of AI algorithms on a Cloud Computing Platform

Abstract: This is an introductory talk to implementing AI algorithms on a cloud platform. We will be using a publicly available data set on financial transactions to develop and implement two AI algorithms: (1) The Random Forest Classifier and (2) A Deep Neural Network, on the IBM Watson cloud. We will talk about the importance and process of having a 'clean' data set and how to use the SCIKIT library in Python to implement the Random Forest Classifier and KERAS to implement the Deep Neural network. We will follow that with a discussion on the evaluation metric and importance of our results.

Interested faculty and graduate students are encouraged to attend.