Invited Speaker

Dr. Carl Lee

Professor of Statistics

Central Michigan University

"An Overview of Big Data and Data Science"

Monday, March 2, 2020 • Corbly Hall 117 • 4:00pm

Abstract

During the recent years, the term "Data Science" has become a magic term for companies trying to find insights from a vast amount of data in the modern competitive business. The term was first referenced in the Proceedings of 5th Conference of the International Federation of Classification Society in 1996. However, the core idea of data science was promoted by Tukey in early 1970's, when he attempted to distinguish between theoretical vs. empirical evidence. The journey of data science as an area of study is evolving and growing due to the advancement of technology and the rapid growth of data in volume, variety and velocity. Although data science has become extremely popular, the definition of data science as a discipline is different for researchers in different disciplines. In this presentation, I will first briefly present the history of data science and Big Data, present some unique features of data science and discuss strategy for initiating and conducting a "data science" project, and present some examples of data science projects.

A reception with light refreshments will be held in Corbly Hall immediately following the talk