Probability and Statistics Seminar

Big Data meets Titanic

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Abstract: In the modern world, data is accumulated rapidly and in large quantities to make what is called big data. Classical statistical methods are usually adapted to deal with big data. In this talk, I will discuss some of the major problems associated with dealing with large data sets. I will also discuss methods to deal with classification problems in big data for which computational tools are vital. I will talk about Kaggle that hosts many diverse machine learning competitions online and available to the public. In particular, I will discuss the popular titanic survival classification problem and show some techniques for comparing classification models in python.

Date: Friday April 6, 2018

Time: 10:00 to 11:00 AM

Location: EMAGC 2.210 and BMAIN 1.220

Please direct any questions or requests to Dr. Tamer Oraby at tamer.oraby@utrgv.edu