

Undergraduate Colloquium in Mathematics

Thursday, December 6th 1:00 PM-1:50 PM

STV 131

Explore the Secrets of Data!

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Data, Data, Everything is about Data! Mountains of data are generated from mobile devices, sensors, cars, Facebook, Twitter, and other sources. The key question is how to explore the secrets hidden in your data. The answer to this is not only related to the business (e.g., for making money) but also affecting the homeland security. In this talk, I will show how the statistics and data mining tools can be used for exploring the secrets hidden in the data. Applications in stock pricing, marketing campaign, cyber security, and face/handwriting recognition will be discussed.

