Department of Computer Science - Colloquium Series

"Computing Happiness from Textual Data Using Text Mining and Machine Learning Techniques"

Speaker: Dr. Sayed Mostafa, NC A&T Department of Mathematics

Bio: Dr. Sayed Mostafa is an Assistant Professor of Statistics in the Department of Mathematics at North Carolina A&T State University. His main research interests are focused on nonparametric function estimation, design and analysis of sample surveys, subsampling big data for statistical inference, and applications of modern statistical learning techniques.

Abstract: We use a corpus of about 100,000 happy moments written by people of different genders, marital statuses, parenthood statuses, and ages to explore the following questions: (i) Can gender, marital status, age be predicted from textual data expressing happiness? (ii) Are there differences between men and women, married and unmarried individuals, and people of different age groups in terms of their causes of happiness and how they express happiness?

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2:00–3:00 PM
PETTY 223**