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Clarkson University

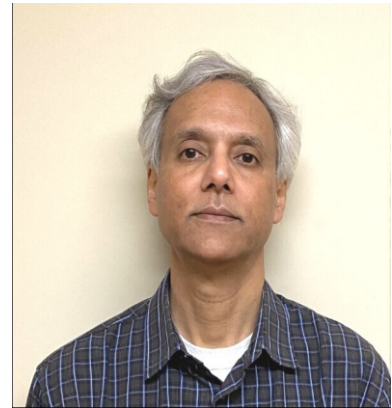# Statistics Workshop

Summer 2022

Thursday June 16, 2022 @ 8.30 am - 11.00 am, SC342

Workshop on Regression: From Basics to Somewhat Advanced Level

by

Dr. Nabendu Pal, Professor of Statistics, Department of Mathematics, University of Louisiana at Lafayette

The following topics will be covered. We will discuss the model assumptions, how to check them, and what are the drawbacks. Example problems will be discussed.

Topics:

(1) Simple Linear Regression with Quantitative Independent Variable and Quantitative Dependent Variable

(2) Multiple Linear Regression with Quantitative Independent Variable and Quantitative Dependent Variable

(3) Regression with Quantitative Dependent Variable and Qualitative Independent Variable(s)

(4) Multicollinearity and Ridge Regression

(5) Regression with Qualitative Dependent Variable (Logistic Regression)

Please contact: Sumona Mondal (smondal@clarkson.edu) or Shantanu Sur (ssur@clarkson.edu) for more information.

Refreshments will be served.