Solving Business Problems with SAS Analytics and Optimization

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Date 26 June 2018 (Tuesday)
Time 2:30pm - 3:30pm
Venue P7303, 7/F, Yeung Kin Man Academic Building

Abstract

SAS offers diverse analytic software tools, including data integration, statistical analysis, machine learning, forecasting, optimization, and simulation. Based on these tools and leveraging the power of SAS in other areas, a number of solutions have been successfully developed for tackling business problems. SAS analytic capabilities are also available through the cloud-enabled, open design of SAS Viya. Users can program in SAS or in other languages - Python, Lua, Java, and R. In this talk, we first introduce various SAS analytics tools and solutions. Then, we show how to model and solve several real world business problems with those software. Those case studies demonstrate the power and versatility of SAS Analytics.

About the Speaker

Yan Xu is the director of the Numerical Optimization team at SAS Institute Inc., where he leads the development of optimization solvers and linear algebra routines. His team also design and implement optimization components for products related to Statistics, Data Mining, Econometrics, etc. In recently years,
Dr. Xu has been focusing on the optimization methods for Machine Learning, Artificial Intelligence and IoT. Dr. Xu is a full member of COIN-OR. He has published papers in optimization and machines learning journals and conferences, and won awards in the area of computational optimization. Dr. Xu received his undergraduate and master degrees from Fudan University, China and his Ph.D. from Lehigh University, USA.

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*All are Welcome!*

SEEM Seminar 2017-2018/042