ANNOUNCEMENT & INVITATION

IGS ENHANCEMENT SERIES 1/2016

Advanced Data Analysis: A Hands-on Approach

DATE: 7 - 8 April 2016
VENUE: Bilik 2, Pusat IT, PTAR 1, UiTM, Shah Alam.
TIME: 9am – 5pm

− Pre-requisite:
  − Students must be very well versed with entry of data and basic analysis using SPSS.
  − Students are currently at the stage of data collection and analysis.
  − Students are to bring laptop with SPSS programme installed.
  − Please register online at: http://goo.gl/forms/VTwKDu3eWf
  − For enquiry, please contact 03-5522 5333

NOTE:
For those who have registered, but do not attend the workshop will be asked to write a show cause letter. Those who fail to do that will be barred from attending the future workshop.

The Presenter
T. Ramayah is currently a Professor at the School of Management in USM. He teaches mainly courses in Research Methodology and Business Statistics and has also conducted training courses for the local government (Research Methods for candidates departing overseas for higher degree, Jabatan Perkhidmatan Awam). Apart from teaching, he is an avid researcher especially in the areas of technology management and adoption in business and education. His publications have appeared in Computers in Human Behavior, Resources Conservation and Recycling, Journal of Educational Technology & Society, Direct Marketing: An International Journal, Information Development, Journal of Project Management (JoPM), Management Research News (MRN), International Journal of Information Management, International Journal of Services and Operations Management (IJSCM), Engineering, Construction and Architectural Management (ECAM) and North American Journal of Psychology. Having his contributions in research acknowledged, he is constantly invited to serve on the editorial boards and program committees of several international journals and conferences of repute. In addition, T. Ramayah has collaborated with noted companies from various disciplines of business through multiple consultancy projects. To date, his consulting experience includes research conducted for companies such as Tesco, World Fish Center, MIMOS etc. Next to consultancy projects, T. Ramayah is also actively involved in short term research grants. He has completed two research grants, one in the area of organizational behaviour and the other in the validation of a new methodology and has another ongoing research grant concerning the preservation of batik among Malaysians. His full profile can be accessed from: http://www.ramayah.com

Outline of the Workshop
This is a two-day workshop on advanced data analysis which will introduce the more advanced statistical techniques that are available for researchers. This workshop will help postgraduate students on how to do advanced analysis. Guidelines on selecting the right techniques for what level of data will also be discussed. This workshop will use practical hands on approach with real research data sets with research questions that can be answered using the data available. Some useful tips on how and where to get published will be given.

1. Introduction to Transformation
   • Recode
   • Compute
2. Goodness of Data
   • Factor analysis
   • Assumptions and requirements
   • Reliability Analysis
3. Introduction to Multivariate Relationship tests
   • Multiple regression
   • Multiple regression with control variables
   • Moderated regression
   • Mediated regression
   • Baron & Kenny (1986) Method