

Mohd Amirul Kasyful Nur bin Zulkifli

From: Hal Ehwal Pelajar
Sent: Thursday, 8 December, 2016 2:10 PM
To: UUM - All Staff; UUM - All Students
Cc: Azhar B Anis Mohammad; Dr. Mohd Dino Khairri Bin Shariffuddin; Dr. Mohamad Ghozali Bin Hassan
Subject: HEP ONLINE: INAPAN SISWA (INASIS) PROTON: INASIS PROTON WORKSHOP SERIES (INTRODUCTION TO SMART PLS SOFTWARE FOR PRIMARY DATA ANALYSIS)



08 DISEMBER 2016, KHAMIS | 08 RABIULAWAL 1438H

DAY 2: INTRODUCTION TO SMART PLS SOFTWARE FOR PRIMARY DATA ANALYSIS



The workshop was held at BME, INASIS Proton Gallery on the 10th day of October, 2016, at 5 p.m. A hundred percent participation rate was recorded as the total units of tickets sold equalled the total number of participant (twenty five, 25). The workshop was an extension of the first (workshop on SPSS) earlier held, especially for students working on 'Structural Equation Modelling (SEM)'. These students were advised to attend the SPSS workshop as a prerequisite for the analysis using Smart-PLS.

Moderated by Yusuf Suleiman, the director of the INASIS Postgraduate Workshops, all and sundry were cordially welcomed, including DR. Arfan Shahzad of OYAGSB-UUM, who facilitated the program. Thereafter, the Smart-PLS software, required of active participation was installed on the laptops of the participants.

The first segment discussed the theoretical studies and rationales for the use of Smart-PLS. Part of the theoretical discussions was the forms of the variables of analysis; identified as '**reflective and formative.**' In the case of the reflective variables, indicators must be highly correlated. On the contrary, indicators may have positive, zero or negative correlation in the case of formative.

The core training was then delved into, after the break from the first segment. One of the identified reasons for the choice of Smart-PLS over other tools, such as AMOS and SPSS, is the ability of the Smart-PLS to handle relatively large samples. This was empirically confirmed, and the participants were made to identify with the reasons.

Two approaches to SEM were discussed: the **variance-based and the covariance-based**; with each empirically discussed and the participants were allowed to ask questions and satisfactory answers were provided by the tutor/instructor.

At the end of the program, the participants expressed their satisfaction with, and gratitude to the INASIS Proton Postgraduate Scholars for organising such a highly educating workshop. The response rate and perceived satisfaction by the participants confirm the efficiency of the teamwork among the committee members, championed by the co-ordinator, Mr Yusuf Suleiman.

At the end of the program, each participant was handed his certificate and group pictures were taken, at 11:30pm.

AL-HAMDULILLAHI WAS-SALAATU WAS-SALAAM 'ALAA ROSUULULLAAH.

UNIT PENERBITAN, MEDIA DAN PENYELIDIKAN

JABATAN HAL EHWAL PELAJAR, UNIVERSITI UTARA MALAYSIA, 06010 UUM SINTOK, KEDAH

Website: www.hep.uum.edu.my | Emel: hep@uum.edu.my | Facebook: <https://www.facebook.com/hep.uum>



Universiti Utara Malaysia Official Website <http://www.uum.edu.my>

Disclaimer: This e-mail (including any attachments) may contain confidential information. If you are not the intended recipient, you are hereby notified that any review, distribution, printing, copying or use of this e-mail is strictly prohibited. If you have received this e-mail in error, please notify the sender or Universiti Utara Malaysia (UUM) immediately and delete the original message. Opinions, conclusions and other information in this e-mail that do not relate to the official business of UUM and/or its group of companies shall be understood as neither given nor endorsed by UUM and UUM accepts no responsibility for the same. All liability arising from or in connection with computer viruses and/or corrupted e-mails is excluded to the fullest extent permitted by law.