Quantitative Data Analysis I with SPSS

SPSS is a major software of data analysis in social research. For researchers involved in collecting, processing, and modeling data from social research, this is a course that will teach them how to use SPSS from inputting and analyzing data, as well as interpreting and presenting results. The course is not only to teach the main technologies of using this software, but also to make sense of each specific procedure of analysis. Both the descriptive and inferential statistical methods are covered that can be used to analyze data relevant to the social research. The course highlights the hand-on practice, in order to enhance learning experience and understanding of statistics.

Course Outline
The course is organized in two parts.
Part I re-caps the fundamental principles of quantitative data analysis.
Part II is lab-based and focuses on hands-on sessions on SPSS.

Part I:
Topic 1 – Descriptive Statistics
Topic 2 – Central Limit Theorem
Topic 3 – Inferential Statistics
Topic 4 – Principles of Hypothesis Testing
Topic 5 – The Power of Sample Size

Part II:
Topic 1 – Data Entry in SPSS
Topic 2 – Descriptive Statistics in SPSS
Topic 3 – Point Estimators and Confidence Intervals in SPSS
Topic 4 – Bivariate Analysis I: Cross-tabulations and Oneway ANOVA
Topic 5 – Multivariate Analysis: Linear Regression Models

Who Should Attend
Executives, analysts and researchers who have an interest in learning and understanding quantitative data analysis methods and concepts using SPSS will benefit largely from this course.

Prerequisites
There are no prerequisites for this course.

Course Fee

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<th>Two-day course</th>
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<td>Early Bird Fee</td>
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<td>$1102.10</td>
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*Applicable for three or more pax from the same organization enrolling in the same course.

**Amount indicates discounted fee per course for a participant enrolling in two or more courses.

Faculty Member

Associate Professor Feng Qiushi is teaching in NUS sociology. He is also a steering committee member of the Centre for Family and Population Research (CFPR).

He has been teaching social statistics for many years, both at the undergraduate and graduate levels. He won faculty teaching award in 2014, 2016 and 2017.

He received the PhD degree from Duke University with research fields of aging studies and economic sociology. Publishing extensively, he is the associate editor of Asian Population Studies, and serves in the editorial boards for Journals of Gerontology: Social Sciences, Journal of Aging and Health, and Research on Aging.

He is also the co-editor of the book series, Advance in Studies of Aging and Health, published by Springer. His research has been funded by UNPF, MOE of Singapore, and GAI of NUS.
Important reminders:

1. Fees indicated are inclusive of 7% GST.
2. Early bird discounts are available for registration made within the deadline. Check the schedule page for early bird deadline.
3. Registration is provisional until payment is made.
4. Seats are limited! Register early to save and to avoid disappointment!
5. Participant numbers will be strictly capped to ensure quality of delivery and content for participants.
6. Please note that the classes will only run if we meet a minimum enrolment of 10 students.
7. Completion of the course requires attendance of at least 75% of the total class hours. Only those who have completed the course will receive certificates of attendance.

Enquiries

Contact CFPR at:
Tel: (65) 6601 5387 / 6601 4987
Email: cfpr@nus.edu.sg
Website: www.fas.nus.edu.sg/cfpr
Facebook: https://www.facebook.com/nuscfpr1

For details on schedule, course fee & registration, visit CFPR website.