TRAINING PROGRAMME
Basic & Advanced Data Analysis using SPSS

03rd– 05th DECEMBER 2014, New Delhi

Why this training?

When most people think of data analysis, they think of complex mathematical formulae. The advent of computer software programmes has however meant that people do not have to know or learn mathematical formulae to be able to perform quantitative statistical analyses. SPSS – originally known as Statistical Package for the Social Sciences is one such software used to analyze data. SPSS offers extensive data-handling capabilities and numerous statistical analysis routines that can analyze small to very large data statistics. Today SPSS is among the most widely used programs for statistical analysis. It is used by market researchers, health researchers, survey organizations, and governments.

The three-day training programme on Basic and Advanced Data Analysis using SPSS is part of Sambodhi's endeavour to enhance understanding of research in general and data analysis in particular among practitioners and scholars.

About us

This programme is being offered by Sambodhi Research & Communications Pvt. Ltd. – the education and training subsidiary of Sambodhi Research & Communications, a leading development advisory and research organization. We are a knowledge ware company offering support services on project management, monitoring and evaluation and allied areas. Sambodhi's clients, collaborators and partners include reputed international organizations including the World Bank, UN agencies, government and non-government bodies, corporate philanthropic foundations, academic institutions and companies.

Sambodhi , in addition to full-time courses in management, also offers short-duration applied courses targeted at the practitioner community on various aspects of research and project management.

Training aims

The programme aims to:

- Develop better understanding of basic concepts of statistics
- Provide overview of computer assisted data analysis
- Develop requisite skills to bring-in and transform data using SPSS
- Enhance knowledge and develop skill for performing appropriate analyses
- Augment knowledge for interpretation and presentation of analyses

Course objectives

At the completion of the training programme, the participants would be able to:

- Describe various data typologies and measurement scales
- List and describe issues to be considered before analysis of data
- List various analyses that can be performed based on nature of data
- Select appropriate analyses that can be performed based on nature of data
- Input, import and modify data using SPSS
- Perform basic and advanced analysis on a given data set using SPSS
- Present analysis in simple and intelligible manner for informed decision making

Learning units

Day I	Basics of Data & Data Analysis
	Overview of Softwares for Data Analysis
	Introduction to SPSS
	Data Entry using SPSS
	Importing Data into SPSS
Day II	Modifying & Organizing Data in SPSS
	Exercise: Data Modification & Organization
	Basic Descriptive Analysis using SPSS - Descriptive Statistics - Frequencies - Cross Tabulation
	Exercise: Basic Descriptive Analysis
Day III	Inferential Statistics: Performing Basic Tests
	Bivariate Analysis: Correlation
	Bivariate Analysis: Regression
	Overview of Factor & Cluster Analysis
	Presentation of Analyses

Pedagogy

In consonance with the programme design, the overarching methodology for delivery of training is based on the principles of participatory adult learning that would build upon the experiential learning of participants. The programme pedagogy focuses on interactive group learning and aims both at knowledge development and skill upgradation through interactive and peer learning. Reading and resource material developed by leading subject experts augments the classroom experience. Training being a mutual learning process, the programme is built on the premise *- I hear, I forget; I see, I remember; I do, I understand.*

Fee

Indian Participants: INR 15,000 per participant
Foreign Participants: USD 500 per participant
(The fee covers tuition, reading and resource kit, certification, lunch and refreshments during the programme. Participants need to make arrangements for travel and accommodation.)

Discount options

- Registrations done 15 days prior to commencement of the programme get a discount of 10%
- Organizations and individuals who have participated in any of Sambodhi's trainings in the past get a discount of 10%
- Group registrations:
  - 3 or more participants 10% discount
  - 6 or more participants 15% discount
  - 9 or more participants 20% discount

Fee can be paid by Cheque /Demand Draft in favour of "Sambodhi Research and Communications Pvt. Ltd." payable at par at New Delhi.

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The organizers reserve the right to change/cancel the date of the training programme.