



Institute for Capacity Development (ICD)

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SPSS for Researchers and Policy Analysts

Workshop Objectives

On completion of the conference, participants should be able to:

- Use SPSS in data analysis for decision making
- Demonstrate an understanding of the research process in policy evaluation
- Use and produce data to more effectively monitor policy implementation
- Come up with research topic and apply SPSS in analyzing data
- Analyze and interpret data using SPSS
- Participate in agency and community evaluations of programs and practice
- Demonstrate computer and data analysis skills useful in the process of assessing the adequacy of policy
- Demonstrate the ability to apply existing data and generate additional data

Target Groups

- Development Officers
- Marketing Officers
- Programme Officers
- Economists
- Monitoring and evaluation Officers
- Economic policy planners
- Senior Managers in Government
- Social researchers

Requirement

Participants should have an understanding of statistics

Workshop Outline

- General management principles and skills
- Understanding the policy making and analysis process
- The role of research in Policy evaluation and monitoring
- The Research Process
- Research methodologies
- Qualitative Research Techniques
- Quantitative Research Techniques
- Definitions of data analysis and interpretation
- Data analysis in direct practice
- Data analysis in administration
- Data analysis in diverse practice contexts

- Operationalisation and measurement
- Research Instruments and questionnaire design
- Analysis of Qualitative data using SPSS
- Questionnaire Coding
- Quantifying and entering data in SPSS
- The Data Editor, Syntax Editor & Output Viewer
- Data coding and entry
- Conducting Analyses in the Data Editor
- Creating and Modifying a Data File
- Using Frequencies and Crosstabs
- Transforming Variables and Adding Labels
- Descriptive and Correlation Research and Analyses
- The Frequencies Procedure: Summarizing with Descriptive Statistics
- Crosstabs: Bivariate Relationships Between Categorical Variables
- Correlation: Bivariate Relationships Between Continuous Variables
- Two-Sample Experimental Designs and Analyses
- Independent Samples t-test: Testing Differences Between Two Groups
- Paired Samples t-test: Testing Differences Between Correlated Groups
- Multiple-Samples Experimental Designs & Analyses
- One-Way ANOVA: Differences Between Multiple Independent Groups
- Repeated Measures ANOVA: Differences Between Correlated Groups
- Mixed-Model ANOVA: Combining Between & Within-Groups Factors
- Writing reports
- Database Management
- Action Planning

Dates: 09th – 20th April 2018

Duration: 2 Weeks

Tuition Fee: US\$3450

Venue: Pretoria, RSA