SPSS COURSE

Statistical Package for the Social Sciences (SPSS) is a comprehensive and flexible statistical analysis and data management solution produced by IBM and makes statistical data analysis straightforward. SPSS can take data from almost any type of file and use them to generate tabulated reports, charts, and plots of distributions and trends, descriptive statistics, and conduct complex statistical analyses.

WHY THIS SPSS COURSE?
SPSS is a widely used program for statistical analysis in social science. SPSS is a powerful suite of data analytics, reporting and modeling software. It is the data analytics software package of choice for people who need to analyze large amounts of quantitative data and is used as standard by a wide range of users who need to quickly and accurately carry out statistical analysis of that data such as market researchers, health researchers, survey companies, government, education researchers, marketing organizations and data miners.

SPSS functionality ranges from simple plots and charts; through to much more sophisticated statistical tests. Although very broadly applicable, SPSS is very well-suited to analyzing survey data. It has a very broad range of applications from the relatively simple like calculating frequencies and creating lists and charts through to the far more advanced like variance analysis, multivariate statistical analysis and cluster analysis. It is also useful in building predictive models.

ABOUT THE COURSE:
This SPSS course will teach you the fundamentals of using SPSS. This SPSS course involves working on a number of practical, hands on examples and exercises in a workshop environment. Led by highly experienced SPSS trainers with many years of experience here at GOOLEE mean that our hands-on courses will leave you with lots of practical SPSS experience as well as useful tips and tricks. Our course will show you how to make the most of SPSS software package.

COURSE GOAL:
The goal of the course is to increase knowledge and requisite skills of participants on the use of SPSS and to enable them make the most of this powerful software package while allowing them to work independently with SPSS on their own data and provide a solid foundation for advanced data analysis work.
OBJECTIVES OF THE COURSE:

- To introduce participants to the basic practice of statistics by using SPSS Statistics, a statistical software program used for data management and data analysis and learn how to perform basic statistical analyses.

- To introduce participants to the use of advanced SPSS for analyzing project data for reporting purposes focusing on database management tasks, descriptive statistics and graphics, and basic inferential statistics for comparisons and correlations.

COURSE CONTENT:

The course is organized in modules and each module covers a reasonable content to enable participants connect and progress successively in the next modules.

**Module 1:** SPSS interface and features  
**Module 2:** Data storage types, measures & data management in SPSS  
**Module 3:** Creating & editing quantitative & categorical graphs/charts  
**Module 4:** Advanced data tabulation  
**Module 5:** Point estimation & hypotheses testing  
**Module 6:** Inferential analysis  
**Module 7:** Time series & Panel analysis

COURSE OUTCOMES:

At the end of the course, participants should be able to:

- To be able to perform a wide range of data management tasks in SPSS application
- Understand the basic workings of SPSS, and perform basic statistical analyses.
- To perform database management tasks, descriptive statistics and graphics, and basic inferential statistics for comparisons and correlations.
- To perform data checking and create simple tables and charts.
- To perform advanced analysis in SPSS

WHAT YOU REQUIRE:

Interested organizations/institutions/individuals are expected to have laptop(s) while attending the workshop, and individuals attending should be from any discipline. Please feel free to bring your own datasets for practice while performing the tasks demonstrated by the trainer. If you have SPSS already installed on your machine the better. However it is not a must because you will be provided with a temporary version for the training.
DURATION:

This is 5 days training program.

VENUE:

The course will take place in Nairobi at our GOOLEE training suite. However, organizations that prefer to host this event at their preferred location are encouraged to apply for the tailored arrangement.

COST:

The course fee is $600 per person (break tea and lunch are provided). For client hosted trainings with participants more than 10, a discount of 15% applies.

HOW TO REGISTER:

Interested participants should apply by email to capacitydevt@gooleeinstitute.com

For further inquiries you can also call on: +254 721445293

Note:

The class size is limited to 10 participants to ensure that each participant has the opportunity to interact with the facilitator. You are advised to register two weeks in advance before the training start date for adequate preparation.