



THE UNITED REPUBLIC OF TANZANIA

INSTITUTE OF ACCOUNTANCY ARUSHA



**SHORT COURSE ANNOUNCEMENT
ON
DATA MANAGEMENT & STATISTICAL ANALYSIS USING STATA**

23rd – 27th SEPTEMBER 2019 – IAA ARUSHA CAMPUS, ARUSHA

1.0 COURSE INTRODUCTION

This course will teach you the fundamentals of using STATA. The course involves working on a number of practical, hands on examples and exercises in a workshop environment. Led by experienced trainers, our hands-on courses will leave you with lots of practical STATA experience as well as useful tips and tricks. Our course will show you how to make the most of STATA software package.

2.0 COURSE GOAL

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

3.0 COURSE OBJECTIVE

This is a highly interactive and hands-on course on Data Management and Statistical Analysis that will equip you with the necessary skills and knowledge on how to carry out data entry, cleaning and analysis using STATA and interpret the results accordingly.

4.0 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.

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| Module 1 | Introduction to STATA |
| Module 2 | Descriptive Statistics |
| Module 3 | Basic Statistical Analysis for Qualitative Variables |
| Module 4 | Basic Statistical Analysis for Quantitative Variables |
| Module 5 | Correlation & Regression analysis |
| Module 6 | Hypothesis testing |
| Module 7 | Time Series data |
| Module 8 | Charts & Graphs |

5.0 COURSE OUTCOMES

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

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

6.0 Target Group

This course is intended to any person who would you like to build his or her capacity in data management and statistical analysis-including but not limited to researchers, public health professionals, statisticians, students and lecturers. The course does not assume any previous knowledge on STATA or any statistical package.

7.0 What You Require

Interested organizations/institutions/individuals are expected to have laptop(s) while attending the workshop. Please feel free to bring your own datasets for practice while performing the tasks demonstrated by the trainer. If you have STATA 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.

8.0 Duration, Date and Venue:

The course will be conducted from **23rd – 27th September, 2019 (5 working hours)** at the Institute of Accountancy Arusha located at Njiro Hill- Arusha.

9.0 Course Fee:

The fee for the course is **Tanzanian shillings 1,000,000/= (say One Million only)** per participant to cover for facilitation, training materials, tea/coffee and certificates of attendance. It does not include accommodation and transport costs. Payment may be in cheque, banker's draft, Telegraphic Transfers (TT) or Tanzania Interbank Settlement System (TISS) or directly to our **Bank Account No. 014103007130 NBC, Arusha Branch.**

Contact Persons:

For more details, you may contact the following:

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APPLY TO:

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