



Parkland College
Arba Minch
Short Term Trainings Programs

STATA for Beginners

About the Course

Acquire the essential skills you need to work with STATA for data management and analysis.

Are you ready to dive into the world of data management and analysis using STATA? Our carefully crafted “STATA for Beginners” course is designed to cater to both newcomers and those looking to refine their STATA skills.

Step into the World of STATA and Unleash Its Potential:

- Familiarize yourself with STATA’s versatile features for streamlined data management and advanced analysis.
- Effortlessly import data from spreadsheet applications, paving the way for a smooth analytical workflow.
- Master crucial analytical techniques, such as frequencies, summary statistics, and visually engaging charts, to transform raw data into meaningful insights.

Lay a Strong Foundation in STATA with Expert Guidance:

Our beginner-friendly course is the ideal starting point for anyone eager to utilize STATA for data analysis. With the support of our knowledgeable instructors, you’ll gain hands-on experience and valuable insights to excel in data-driven fields.

Target Participants

The STATA for Beginners course is designed for participants who intend to learn the use of Stata for data management and data analysis. Those working in the corporate world, public sector, research institution and NGOs.

Course Duration

- 2 Days at 8 hours a day

What you will learn

By the end of this course, the participants will be able to:

- Importing data from spreadsheets like Excel into STATA
- Best practices of using STATA such as using do-files, and logging
- Summarizing data using descriptive statistics such as frequencies, mean, median and standard deviation
- Exploring relationships between variables



- Developing bar charts and histograms
- Exporting your output into Microsoft Word

Course Outline

1. Introduction

- 1.1.The STATA interface
- 1.2.Getting started with the STATA command language
- 1.3.STATA help
- 1.4.Using do-files and logging

2. Working with data

- 2.1.Importing data from Excel
- 2.2.Setting the working directory
- 2.3.Exploring the data and variables

3. Descriptive statistics in STATA

- 3.1.Frequencies
- 3.2.Summary statistics
- 3.3.Comparing means
- 3.4.Cross-tabulation

4. Charts and exporting output

- 4.1.Histogram
- 4.2.Bar chart
- 4.3.Getting your output

Prerequisites

Familiarity with basic statistical knowledge is ideal. No prior working knowledge of Stata software is required for this course.

Training Approach

This STATA for Beginners course is delivered by our seasoned trainers who have vast experience as expert professionals in data analysis with Stata. The course features plenty of practice materials, quizzes, and a final assessment to cement your newly acquired STATA skills.

Training manuals and additional reference materials are provided to the participants.

Certification

Upon successful completion of this course, participants will be issued with a certificate.

Tailor-Made Course

We can also do this as a tailor-made course to meet organization-wide needs. A training needs assessment will be done on the training participants to collect data on the existing skills, knowledge gaps, training expectations, and tailor-made needs.