

## STATA Training Outline

The training is designed to turn you into an above average/intermediate user of STATA. The training is suitable for beginners or those who have a basic knowledge about Stata. The training main prerequisite is to have a solid background about basic statistics. No prior programming experience is necessary.



### **STATA basics:**

- 1- Understanding STATA environment: installation, working directories, loading files, importing and exporting, do and log files entries.
- 3- Basic operations and data management tools.

### **Time Series and CLRM:**

- 1- Variables sorting, generation, labeling, and graphing
- 2- Linear regression basics, dummy variables, diagnostic tests, and residuals fitting
- 3- Basic time series and limited dependent variables models and some basic post estimation commands.

### **Panel data models:**

- 1- Panel data models: panel setting, refining your date variable in quarterly and monthly frequencies, dealing with missing or repeated panel observations and other common problems.
- 2- Dynamic and static panel models such as fixed effects, random effects, GMM and some basic post estimation commands and diagnostics to deal with common problems.