



Training Course on Stata for Professionals & Students

Organized by
Department of Statistics
University of Dhaka

Class time : 6:00 pm - 8:15 pm (Sun, Tue, Thrs)
Total Lectures : 20
Fees : **8,000 Taka** for Undergraduate Students
10,000 Taka for Professionals and others

Course contents

- 01. Introduction to Stata:** Starting & closing Stata, Stata user interfaces, Stata windows & editors, Stata files.
- 02. Data Management with Stata:** Variables and data types, Creating new data sets, Subsetting data files, Generating & replacing variables, Missing value codes, Converting data, Importing data, Combining data files, Collapsing data, Reshaping data, Weighting data.
- 03. Exploratory Data Analysis in Stata:** Summary statistics & their tables, Frequency tables & cross-tables, Normality tests & transformations.
- 04. Statistical Graphics in Stata:** Creating and describing basic and advanced statistical graphs & charts.
- 05. Tests and Comparisons with Stata:** One sample & two samples tests for means & proportions, One way & two way analysis of variance (ANOVA), Non-parametric hypothesis tests.
- 06. Correlation and Regression in Stata:** Pearson's, Spearman's and Partial correlations, Simple and multiple linear regression, Logistic regression, Diagnosing regression models.
- 07. Data Reduction in Stata:** Principal component analysis, Factor analysis.
- 08. Survival Analysis with Stata:** Kaplan-Meier survival functions, Cox proportional hazard model.
- 09. Time Series in Stata:** Time plots, Smoothing time series.
- 10. Handling Survey Data with Stata:** Declare survey data, declare weights, Survey-weighted tables & graphs.

Course will start soon
Admission Going on!!!
Limited # of Seats
First Come First Serve Basis

FACILITIES: Separate computer for each student. Airconditioned classroom with multimedia projector. Continuous help from the teachers with profound knowledge in statistics and statistical computing. **Certificate after successful completion of the course work.**

Learn STATA from Statisticians

Admission Contact:
Sheikh Jamirul Islam
Senior Administrative Officer
Cell: 01715669201

Qazi Motahar Hossain Building, 3rd Floor (Opposite Side of Shaheed Minar), University of Dhaka.