

Government of Nepal
Office of the Prime Minister and Council of Ministers
National Statistics Office
Training Section
Thapathali, Kathmandu, Nepal

Workshop on STATA for Beginners

In Person Training | Poush 27-Magsh 01, 2081

The objective of the Four-days STATA training for beginners is to equip participants with foundational knowledge and skills to efficiently use STATA for data management, analysis, and visualization. The training will cover essential topics, including navigating the STATA interface, importing and organizing datasets, performing basic statistical analyses, generating descriptive statistics, creating graphs, and managing do-files for reproducible workflows. By the end of the training, participants will be able to confidently apply STATA to handle real-world data tasks and set a strong base for advanced analytical techniques.

Day 1: Saturday, Poush 27		Topic
10:00 a.m. – 10:15 a.m.		Registration of Participants Opening Remarks <i>Dr. Sharad Kumar Sharma, Deputy Chief Statistician, NSO</i>
10:15 a.m. – 11:30 a.m.	L-1	Introduction Session: Characteristics, Version dilemma, License and installation procedure <i>Dr. Anil Shrestha, Undersecretary (Account), NSO</i>
11:30 a.m. – 1:00 p.m.	L-2	STATA Interface and windows <i>Mr. Shiva Shrestha, Director, NSO</i>
1:00 p.m. – 1:30 p.m.		Snack/Coffee Break
1:30 p.m. – 2:45 p.m.	L-3	Basics of STATA: General Introduction <i>Mr. Kapil Dev Joshi, Statistics Officer, NSO</i>
2:45 p.m. – 4:15 p.m.	L-4	Data/Variable types used in STATA with hands-on exercise <i>Mr. Kapil Dev Joshi, Statistics Officer, NSO</i>
Day 2: Sunday, Poush 28		Topic
10:15 a.m. – 11:30 a.m.	L-1	Generating Data files, Logical Operators (Conceptual), Basic command syntax <i>Mr. Shiva Shrestha, Director, NSO</i>

11:30 a.m. – 1:00 p.m.	L-2	Data processing and cleaning: Data structure, cleaning, screening etc. (related commands) <i>Dr. Anil Shrestha, Undersecretary (Account), NSO</i>
1:00 p.m. – 1:30 p.m.		Snack/Coffee Break
1:30 p.m. – 2:45 p.m.	L-3	Commands related to variable management <i>Dr. Anil Shrestha, Undersecretary (Account), NSO</i>
2:45 p.m. – 4:15 p.m.	L-4	Hands-on exercise (Practical session) <i>Mr. Kapil Dev Joshi, Statistics Officer, NSO</i>

Day 3: Monday, Poush 29		Topic
10:15 a.m. – 11:30 a.m.	L-1	Commands related to Data Management-I <i>Mr. Kapil Dev Joshi, Statistics Officer, NSO</i>
11:30 a.m. – 1:00 p.m.	L-2	Commands related to Data Management-II <i>Mr. Kapil Dev Joshi, Statistics Officer, NSO</i>
1:00 p.m. – 1:30 p.m.		Snack/Coffee Break
1:30 p.m. – 2:45 p.m.	L-3	Data Analysis: Descriptive Statistics <i>Mr. Shiva Shrestha, Director, NSO</i>
2:45 p.m. – 4:15 p.m.	L-4	Generating Graphs using STATA <i>Dr. Anil Shrestha, Undersecretary (Account), NSO</i>

Day 4: Tuesday, Magh 01		Topic
7:15 a.m. – 8:15 a.m.	L-1	Checking Data for Normality and Hypothesis Testing (Basic only) <i>Dr. Anil Shrestha, Undersecretary (Account), NSO</i>
8:15 a.m. – 9:00 a.m.	L-2	Correlation and regression Analysis <i>Dr. Anil Shrestha, Undersecretary (Account), NSO</i> <i>Mr. Shiva Shrestha, Director, NSO</i>
9:00 a.m. – 9:30 a.m.		Snack/Coffee Break
9:30 a.m. – 10:15 a.m.	L-3	Hands-on exercise (Practical session)-I <i>Mr. Shiva Shrestha, Director, NSO</i> <i>Mr. Kapil Dev Joshi, Statistics Officer, NSO</i>
10:15 p.m. – 11:15 a.m.	L-4	Hands-on exercise (Practical session)-II <i>Mr. Shiva Shrestha, Director, NSO</i>
11:15 a.m. – 11:30 a.m.		Closing Session: Remarks and Direction <i>Dr. Sharad Kumar Sharma, Deputy Chief Statistician, NSO</i>

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