






SHORT COURSE ON INTRODUCTION TO

COURSE FEE: BDT 8000





DATE: 28 - 29 NOVEMBER 2023

TIME: 9:00 AM - 5:00 PM





ABOUT THE COURSE:

Quantitative data analysis skill has become an essential skill for the professionals in the areas of health, economics, sociology, and business. Globally, research organizations and academic institutions are shifting towards coding-heavy statistical software, such as  and Python, from menu-software, such as SPSS. A powerful programming language  is widely used for quantitative data analysis, including statistical computing and graphics generation. In response to the growing demand for data analysis with , this course is the first of a series of  courses to be offered by the Centre for Professional Skills Development in Public Health (CPSD). It is a two-day course designed with a view to helping academics, researchers, data analysts, and professionals from different backgrounds to learn data analysis using  and applying this knowledge in their respective fields.

ABOUT :

Unlike some other statistical packages like SPSS, SAS and Stata,  is an open-source programming language. Therefore, globally, academics, researchers, public health practitioners, and other professionals now-a-days prefer  over other commercial software.  is a complete, integrated software package which provides everything that a quantitative researcher needs, including data management, data analysis, visualization, and automated reporting. Additionally,  is one of the most powerful statistical software for creating customized data visualization structures such as graphs, charts, maps, and many others.

DURING THE COURSE YOU WILL LEARN:

- Installation of , RStudio and different  packages
- Use of common base  functions for data manipulation and graphs
- Basic data management and manipulation skills using 
- Use of tidyverse packages for data management and statistical analysis
- Data visualization (creating different types of graphs, charts, etc.) using ggplot2 package
- Applying different inferential statistical techniques (e.g., one- and two-sample tests for mean and proportion, analysis of variance, etc.)

Registration Deadline: Saturday, 25 November 2023

Fee Submission Deadline: Sunday, 26 November 2023

ENROLMENT ON FIRST COME, FIRST SERVED BASIS

HOW TO APPLY: Please follow this Link: <https://forms.gle/XuU6x3L8Avb6XABY8> to complete the **REGISTRATION FORM** and submit by **SATURDAY, 25 NOVEMBER 2023**. You will be notified about the payment method when your application is accepted.

Organised by:

Centre for Professional Skills Development in Public Health | BRAC James P Grant School of Public Health

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Phone: +880-2-48812213-18 Ext: 104; www.bracjgspgph.org

Call us for more info: Cell: 01843 903011 | E-mail: cpsd@bracu.ac.bd


WHO CAN APPLY FOR THIS COURSE?

This course is designed for academic researchers, public health professionals, market analysts, and Government/NGO employees who deal with different types of quantitative data arising from different research projects and programmes. Graduate students and PhD candidates who need to apply statistical tools for their research projects as well as who are going to apply for higher studies in developed countries will also find this course useful. The course will also be of interest to non-academic participants who have to analyse data and present research findings using intuitive visual aids to a wider group of audience like program personnel, and policy makers. Indeed, this course suits any enthusiastic learner who wishes to be good at quantitative research. It is **NOT** required to have prior knowledge of any statistical software to attend the course.

COURSE FACILITATOR:



Dr Mahbub Latif is a Professor of Applied Statistics at the Institute of Statistical Research and Training (ISRT), University of Dhaka (DU), Bangladesh. Professor Latif completed his BSc and MSc in Statistics from the DU in 1993 and 1995 respectively. He did a second MSc in Statistics from the University of British Columbia, Canada in 2001 and received his PhD in Applied Statistics from the University of Goettingen, Germany in 2005.

Professor Latif has more than 25 years of experience in research and teaching. He has interests in both methodological and applied research in different topics of statistical science and public health that including biostatistics, causal inference, design and analysis of experiments, correlated data analysis, statistical computing and public health. He has been teaching Applied Statistics at the DU since 1996. Professor Latif has taught Biostatistics in the MPH Programme at BRAC JGSPH since 2012 and taught Biostatistics at St. Luke's International University, Tokyo, Japan from 2016 to 2019. So far, Professor Latif has published about 35 manuscripts in peer-reviewed statistics and public health journals and supervised 32 students for their MS thesis in Applied Statistics at the DU. Professor Latif has been using  software for more than 20 years for his research and teaching and is a certified tidyverse trainer.

This is a non-residential **IN-PERSON** course.

The course fee includes training materials, tea, snacks and lunch.

Participants are requested to bring their own **LAPTOP** (64 Bit Operating System) during the course. Wi-Fi facilities are available.