ECONOMETRICS USING R

DURATION
5 Days

SESSION DURATION
6 hours per day

WHEN
August 5th to 9th 2024

WHERE
Online

OVERVIEW
R is a powerful programming language and software environment for statistical computing and graphics. This Management Development Programme (MDP) is designed to provide participants with practical skills in econometrics using R. The programme will cover econometric techniques and their applications in R, making it an essential tool for data analysis and decision-making.

DAY-WISE TOPICS

Day 1: Introduction to R and Econometrics
- Overview of R programming language
- Introduction to econometrics in R
- Basic data handling and manipulation in R

Day 2: Simple and Multiple Regression Analysis in R
- Simple linear regression in R
- Multiple regression analysis in R
- Interpretation of regression results in R

Day 3: Time Series Analysis in R
- Time series data handling in R
- Time series modeling in R
- Forecasting using R

Day 4: Panel Data Analysis in R
- Panel data handling in R
- Fixed effects and random effects models in R
- Panel data analysis using R

Day 5: Advanced Topics in Econometrics Using R
- Instrumental variables and endogeneity in R
- Causality and Granger causality tests in R
- Advanced econometric techniques in R

KEY BENEFITS
- Gain practical skills in econometrics using R
- Learn how to apply econometric techniques to real-world data using R
- Understand how to interpret and analyze econometric results in R
- Acquire hands-on experience through practical exercises and case studies in R
- Network with industry experts and peers in the field of econometrics and R programming

WHO SHOULD ATTEND
- Economists and economic analysts
- Business analysts
- Researchers and academics in economics
- Anyone interested in learning econometrics using R

FACULTY
The programme will be conducted by experienced econometrics professionals and R programming experts.

CERTIFICATION
Participants will receive a certificate of completion at the end of the programme.

FEES
INR 25,500/- PLUS 18% GST (if applicable)

REGISTRATION
Limited seats available. Register now to secure your spot in this transformative programme.

CONTACT INFORMATION
For inquiries and registration, please contact: **PROF. (DR.) BRAJESH KUMAR**

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