

ECONOMETRICS USING PYTHON

DURATION
5 Days

SESSION DURATION
6 hours per day

WHEN
July 22nd to 26th 2024

WHERE
Online

OVERVIEW

Python has become a popular programming language for data analysis and econometrics due to its simplicity and versatility. This Management Development Programme (MDP) is designed to provide participants with practical skills in econometrics using Python. The programme will cover econometric techniques and their applications in Python, making it an essential tool for data analysis and decision-making.

DAY-WISE TOPICS

Day 1: Introduction to Python and Econometrics

- Overview of Python programming language
- Introduction to econometrics in Python
- Basic data handling and manipulation in Python

Day 2: Simple and Multiple Regression Analysis in Python

- Simple linear regression in Python
- Multiple regression analysis in Python
- Interpretation of regression results in Python

Day 3: Time Series Analysis in Python

- Time series data handling in Python
- Time series modeling in Python
- Forecasting using Python

Day 4: Panel Data Analysis in Python

- Panel data handling in Python
- Fixed effects and random effects models in Python
- Panel data analysis using Python

Day 5: Advanced Topics in Econometrics Using Python

- Instrumental variables and endogeneity in Python
- Causality and Granger causality tests in Python
- Advanced econometric techniques in Python

KEY BENEFITS

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

WHO SHOULD ATTEND

- Economists and economic analysts
- Business analysts
- Researchers and academics in economics
- Anyone interested in learning econometrics using Python

FACULTY

The programme will be conducted by experienced econometrics professionals and Python 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**

E-MAIL:

brajesh@nifm.ac.in

TELEPHONE:

+91-129-2465209

AJNIFM

(An Institution of Ministry of Finance, Government of India)
<http://www.ajnifm.ac.in>