

ADVANCED RESEARCH METHODS



This is a course in quantitative research methods for professionals and researchers and especially for PhD students. This course will enable to develop theoretical insights and practical skills to be able to read academic journal articles with an empirical content. By the end of this course you should be able to apply have acquired sufficient knowledge to apply multivariate analysis of cross-section data and panel data analysis to a wide range of macro- and micro-economic problems of economic development.

Topics Covered:

Course Objectives:

The course covers theory, relevant applications and practical exercises in computer workshops. Our main emphasis is on building confidence in the use of modern statistical software combining combining the use of graphical methods with formal tests as powerful diagnostic tools in applied work. Students should develop a clear understanding of the theoretical foundation of multiple regression analysis and be able to run their own models. The course will also develop a basic familiarity with panel data models and instrumental variables estimation methods, providing students with an understanding of the problems and challenges posed by such methods.

- √ Ordinary Least Squares – The classical model- the problem of estimation; inference and interpretation
- √ Violations of the assumptions of the classical model – Diagnostics and remedial actions
- √ Multiple regression model: The problem of estimation
- √ Multiple regression model: The problem of inference
- √ The linear probability model
- √ Pooling cross sections across time
- √ Advanced panel data methods
- √ Instrumental variables and 2SLS
- √ Limited dependent variables: discrete choice models

Oct 9-Nov 14, 2015 (Friday, Saturday & Sunday)
6:30 pm to 8:30pm (Fri & Sat) & 10:00 am to 1:00 pm (Sun)
Training Investment: PKR 20,000/-

TRAINER: Dr Zeeshan Atiq

Dr. Zeeshan Atiq has done his MSc and PhD from School of Social Sciences, The University of Manchester. His area of specialization is Finance and Development, majorly focusing the recent financial crisis of 2007-2008.

He has got basic education from Pakistan where he did an MA degree in 1999 from Department of Economics, University of Karachi and later did his Master's in Applied Economics in 2001 from Applied Economics Research Centre, University of Karachi.

He is by profession an academician and serving in Pakistan as an Assistant Professor at Department of Economics, University of Karachi. He has experience in teaching and research in Economics and he has many research papers on his credit that have already appeared in research journals and have been presented in conferences and some are in the process of publications at the leading journals of the world.

Who should attend?

- ★ Industry Researchers
- ★ Faculty from any University
- ★ Research Masters
- ★ PhD Students

For Registrations:

Ph.: 021-38104700-01 Ext: 1541

Fax: 021-38103008

Email: BESDP@iba.edu.pk

Website: <http://cee.iba.edu.pk/BEnSDP.shtml>

Join us: <https://www.facebook.com/IbaBusinessenglish>

[IbaBusinessenglish](https://www.facebook.com/IbaBusinessenglish)

For queries & information:

Sumera Muhammad

Manager, Skills Development Programs

Center for Executive Education

Institute of Business Administration

Ext: 1541

Email: smuhammad@iba.edu.pk

Mirza Irshad Ali Baig

Executive, Center for Executive Education

Institute of Business Administration

Ext: 1811

Email: mibaig@iba.edu.pk

Registration form and Fee Voucher are available at our website:

<http://cee.iba.edu.pk/BEnSDP.php>

Fee is to be deposited in cash / pay order in any branch of FAYSAL BANK Ltd.,
A/C No. 110-2162113-006.

Website: <http://cee.iba.edu.pk/BEnSDP.shtml>

Facebook: <https://www.facebook.com/IbaBusinessenglish>

IBA CEE

Center for Executive Education
Institute of Business Administration

Skills Development Program

Adding Skills to Experience