



# RESEARCH WRITING & STATISTICS WITH SPSS

January 4 - 18, 2020 Every Saturday | 10 am to 1 pm |

Investment: PKR 12,000 (exclusive of 5% SST)

(Fee includes: Training material, certificate, & business networking

# **Objectives:**

This course/workshop will appeal to those who require an understanding of research approaches and skills, and importantly an ability to deploy them in their studies or in their professional lives.

It's a common observation that medical Doctors, Physicians, GPs and PGs are used to get the help of Statistician whenever they plan to write a synopsis, research proposal or a research paper. I strongly recommend all of them to attend this lecture/Workshop so that they can get the familiarity with Quantitative Methods and Research tools & SPSS because one can enjoy more by analyzing his/her own data by simple exploratory & advance inferential methods.

For Registrations
Website:
www.sdp.iba.edu.pk
Email: besdp@iba.edu.pk

Tel: 021-38104700-01 Ext. 1541, 1813, 1811, 1801

# Course Requirements:

What the trainer wants in his participants is to have a clear interest of Learning Research & Statistical Methods and a little know how about some computer applications i.e. Windows operating system and MS Office etc.

We are confident that the lecture will be delivered in a way that the participants can grab the Statistical concepts without being bored and they will also be happy to analyze their own data with a complete understanding.

# **Course Plan**

## Session-1:

Research Methods, online courses, Research startup, Literature Review, easiest and effective use of Google Scholar, Introduction to Statistics & Type of Data, Statistical Measures, Exploratory Research, Sample write-up cases. Significance of p-value, ANOVA and its application, Correlation, Regression analysis, Application of test of significance - T test & Chi-Square test

### Session-2:

Transformation of Excel file into SPSS / SPSS Output file into Excel, Univariate and Multivariate Analysis (an introduction) Working with statistics - Frequency Table / Descriptive / Cross tabulation of two or more Variables, Data Entry Exercise / Finding Information about Variables. Data Coding, Data Splitting. Use of Inferential statistics and hands-on practice of all relevant Statistical tests mentioned in Session-1.

# **Trainer's Profile**

Mr. Yaseen Ahmed Meenai is a PhD Scholar, he did his MSc. (Statistics) from University of Karachi. He is the recipient of the BEST UNIVERSITY TEACHER AWARD by HEC Govt. of Pakistan and has also received the BEST RESEARCH PAPER AWARD in IMSCI-2010, Orlando, FL-USA. He is associated with IBA since 2004, before his joining in IBA; he served in the Department of Statistics, University of Karachi for six years. His total University teaching experience is 18 years. Beside his University teachings, he has served as a resource person in several successful workshops within and outside IBA. He is also the 4th generation of great Hindustani Poet Hazrat Ameer Meenai so he also has a good sense of poetry with relevance of areas of his teachings.

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