

Data Analysis Using SPSS Software

Organized By

Indian Research Scholars Association



Ten Days- Online Workshop on Data Analysis Using SPSS Software

(Date: 22 July 2024 to 31 July 2024)

Timing of the Sessions: 2 P.M. to 4 P.M.

Registration is free. There is no charge to attend the workshop.

Data Analysis Using SPSS Software
Organized By
Indian Research Scholars Association
Ten Days- Online Workshop on Data Analysis Using SPSS Software
Date: 22 July 2024 to 31 July 2024 Timing of the Sessions: 2 P.M. to 4 P.M.

<p style="text-align: center;">Inaugural Session</p> <p style="text-align: center;">President</p>  <p>Prof. Bhawna Pandey Principal Dyal Singh Evening College Delhi University</p> <p style="text-align: center;">Chief Guest</p>  <p>Prof. Arun Diwaker Nath Bajpai Hon'ble Vice-Chancellor Atal Bihari Vajpayee University, Bilaspur, Chhattisgarh</p> <p style="text-align: center;">Guest of Honour</p>  <p>Prof. Manoj K Saxena Head & Dean, School of Education, Central University of Himachal Pradesh Honorary Director of OER Cell and Member, Standing Committee, University Grant Commission, New Delhi.</p> <p style="text-align: center;">Guest of Honour</p>  <p>Prof. B. B. Mohanty Professor at the Department of Sociology, Pondicherry University and Managing Editor, Sociological Bulletin, Scopus Journal</p> <p style="text-align: center;">Coordinator</p>  <p>Vikash Kumar Research Scholar, Political Science Department, Indira Gandhi National Tribal University, Amarkantak</p>	<p style="text-align: center;">Valedictory Session</p> <p style="text-align: center;">President</p>  <p>Prof. Parmendra Kumar Hon'ble Vice-Chancellor Bajpai Jai Prakash University, Chhapra, Bihar</p> <p style="text-align: center;">Chief Guest</p>  <p>Prof. Sachchidanand Shukla Hon'ble Vice-Chancellor, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh</p> <p style="text-align: center;">Guest of Honour</p>  <p>Prof. Himanshu Chaturvedi Ex-Head, Dept. of History, Deen Dayal Upadhyaya Gorakhpur University and Member-Indian Council of Historical Research, ICHR, New Delhi.</p> <p style="text-align: center;">Guest of Honour</p>  <p>Prof. L. Venkatachalam Professor (RBI Chair), Madras Institute of Development Studies, Chennai, and Managing Editor, Review of Development and Change, Sage Publication</p> <p style="text-align: center;">Coordinator</p>  <p>Vikash Kumar Research Scholar, Political Science Department, Indira Gandhi National Tribal University, Amarkantak</p>
--	---

Resource Persons



Prof. Bhawna Pandey
Principal, Dyal Singh
Evening College - Delhi
University



Prof. Jitendra Mohan Mishra
Dean School of Management Studies,
Central Tribal University of Andhra
Pradesh



Prof. Dibyojyoti Bhattacharjee
Professor, Department of Statistics,
Assam University, Silchar



Prof. L. Venkatachalam
Professor (RBI Chair), Madras Institute of
Development Studies, Chennai and Managing
Editor, Review of Development and Change,
Sage Publication



Prof. Mridula Sharda,
Department of Political Science,
Central University Himachal Pradesh,
Dharmshala



Prof. Ravindra Kumar Brahme
Dean of Social Science faculty,
Pandit. Ravishankar Shukla
University,
Raipur



Dr. Vinod Sen
Economics Department, Indira
Gandhi National Tribal
University, Amrakantak



Dr. Samson R Victor
Assistant Professor - Senior Scale
Indira Gandhi National Tribal University



Dr. Ghanashyam Sahu
Assistant Professor, Educational Studies
Bhawanipatna, Kalahandi, Odisha



Dr. Juel Rana,
Assistant Professor,
G.B. Pant Social Science Institute,
Allahabad,



Dr. Mohammad Faisal
Assistant Professor
Delhi Skill and Entrepreneurship
University,

Date of Registration: From 8 July 2024 to 15 July 2024

Introduction of lectures:

Lecture 1. Introduction To Statistics in Social Science Research and its Importance

Lecture 2. The introduction of SPSS discusses common statistics, regression, and graphs.

Lecture 3. Variable and Data Entry in SPSS. Issuing Commands

Lecture 4. Descriptive Statistics, Reliability Test, And Normality Test.

Lecture 5. Correlation Analysis- Pearson & Partial Correlation

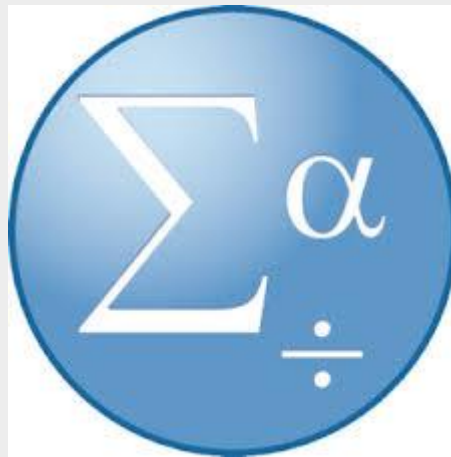
Lecture 6. Regression Analysis: Simple And Multiple Regression Analysis (MLR)

Lecture 7. MANOVA, MACOVA, ANCOVA

Lecture 8. Cluster Analysis

Lecture 9. Factor Analysis

Lecture 10. Practical Session



About the Workshop: The objective of the SPSS workshop was to give the students a foundational understanding of the software. Instruct on using SPSS software for significant statistical computations. Talk about the various uses of SPSS software in research. To encourage pupils to adopt a research mindset. Topics covered in the workshop included: Students' questions about the SPSS software were addressed and resolved, along with the fundamentals of the program, its many uses in research, and how to use its capabilities for data analysis. While Alchemer includes robust built-in reporting tools that are user-friendly and available for most online surveys, NPS surveys, and employee satisfaction surveys, most researchers believe that SPSS is the finest option for in-depth data analysis. Statistical Package for the Social Sciences, or SPSS, is a program many academics use to analyze complex statistical data. The software package SPSS was developed for the purpose of managing and analysing social science data statistically. IBM purchased it in 2009 after it was first introduced by SPSS Inc. in 1968. Although IBM SPSS Statistics is the official name, most users still call

it SPSS. Because of its remarkably comprehensive user manual and simple, English-like command language, SPSS is the industry standard for social science data analysis and is highly sought after. Market researchers, health researchers, survey firms, government agencies, researchers in education, marketing firms, data miners, and a host of other fields handle and analyze survey data, including that gathered using an online survey platform like Alchemer. Most leading research agencies employ SPSS for text mining and survey data analysis to maximize the value of their research and survey initiatives. Four programs are available from SPSS to help researchers with their intricate data analysis requirements. Numerous fundamental statistical operations, such as frequencies, crosstabulation, and bivariate statistics, are available in SPSS's Statistics program. In almost every field of work, being confident and competent in analyzing data and drawing conclusions is extremely helpful. Karl Pearson has rightly said, "Statistics is the grammar of science ." Statistics knowledge helps us use proper methods to collect data, employ correct analyses, and effectively present the results. Statistical methods and analyses allow us to evaluate claims based on quantitative evidence and differentiate between reasonable and dubious conclusions. With free and ubiquitous data availability, there is a growing demand for statistical analyses of the data in almost every field of work. Keeping this in the backdrop, this workshop has been designed to overcome the fear of statistics, learn the essential tools, and feel confident in analyzing your data through the statistical package SPSS. SPSS is a comprehensive and user-friendly statistical package widely used by scientists throughout the social sciences to analyze quantitative data.

Objective of the Workshop: The workshop will demonstrate a few popular statistical methods for data analysis with SPSS and Microsoft Excel. The fundamentals of Excel and SPSS, data handling, cross tables, graphs, and charts, descriptive statistics, correlation, simple and multiple regression, curve fitting, parametric and non-parametric tests, ANOVA (one-way and two-way), factor analysis, cluster analysis, and survival analysis are just a few of the subjects that will be covered in the workshop. This training session aims to introduce the basics of SPSS to working professionals interested in data analysis who need more computation and statistical analysis using the software. This course would benefit faculty members of colleges and universities, management executives, Industry training professionals, and research scholars who wish to enhance their understanding of this subject. Experts with knowledge of all aspects of the SPSS will train the participants on various topics related to statistical analysis, data mining, and interpretations. The workshop will focus on practical

learning through case studies, enabling the participants to practice what they learn through the workshop.

- ❖ Select appropriate research method for conducting empirical research.
- ❖ Select statistical tools for data analysis.
- ❖ Use SPSS and apply the right tools and techniques while conducting research
- ❖ Enhance their analytical skills

Who Can Participate and Criteria of Selection: Filling out the required registration form (found in the link below) will allow registered/enrolled Ph.D. students, faculty members of any accredited university or institute, researchers, and any official or PG student in need of Excel and SPSS to apply for the workshop. The registration shall close once the required number of participants is attained. Thus, participants are advised to apply early and not to wait for the last date. If a candidate is chosen to participate in the workshop, they will get a notification via email from the workshop coordinator no later than (date will include). If the applicant is not chosen, the funds (amount submitted) will be reimbursed within three days following the session. A candidate may withdraw from the workshop at any time, but only if it happens by (date will include letter) or before will the registration cost be reimbursed. If a participant skips any of the sessions, no certificate will be given to them.

Terms & Conditions:

1. The Workshop is only for a limited number of participants for online mode (max. 100)
2. Participants will be enrolled on a first-come, first-serve basis.
3. It is desirable for participants to take their personal laptops to get a one-month trial version copy of the software.
4. a laptop is necessary for all sessions to learn the SPSS software.

Course Module: The course will consist of lectures by various faculty members across India. Participants will learn by using examples of practical data handling, analysis, and interpretation.

How to Apply for the SPSS Workshop? : Interested participants are requested to fill out the Google form to register. There is no need to send a hard copy of the form. However, a copy of the filled form can be E-mailed to the email ID irsa.ac.in121@gmail.com.

Registration can be done online using the link given below.
[https://docs.google.com/forms/d/e/1FAIpQLSfMAzt7MVg9iNmUIPHtIwtXIL2eqhD9pt0ZXdIFrW2X5CeA8g/viewform?usp=sf link](https://docs.google.com/forms/d/e/1FAIpQLSfMAzt7MVg9iNmUIPHtIwtXIL2eqhD9pt0ZXdIFrW2X5CeA8g/viewform?usp=sf_link).

If clicking the link does not open, you can copy the link and paste it into Chrome, and fill out the Google form.

Participants can also apply this through the registration form, which has been in this broacher; take the print, fill and send it to irsa.ac.in121@gmail.com

Registration is free. There is no charge to attend the workshop.

Certificate: The certificate will be given to the participants after completing the Course.

Contact No. of the Committee Members

For Certificate: 6392910509

For registration query: 6306748724

9129823850

For any query, you can send a message to WhatsApp: 9919914900

For any query, you can send a message to Mail: irsa.ac.in121@gmail.com

Registration Form

Workshop on Data Analysis Using SPSS Software

Name.....

Designation.....

Department:

University/College/Institution:

.....

.....

Qualification.....

Address.....

.....

Mobile.....

WhatsApp No.

Email.....

Research Topic.....

.....

.....

Date

Signature

Organising Committee:

Coordinator: Vikash Kumar, Political Science Department, Indira Gandhi National Tribal University, Amarkantak

Convenor: Sakshi Singh, Faculty of Education, Banaras Hindu University

Convenor: Sanjeet Kumar, Research Scholar, Indira Gandhi National Tribal University, Amarkantak

Co-Convenor: Ashwani Kumar, Research Scholar, Indira Gandhi National Tribal University, Amarkantak

Co-Convenor: Sunita V Yadav, Research Scholar at D.T.S.S COLLEGE Mumbai Maharashtra

Organising Secretary: Shubhangi Amble, Research Scholar, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajnagar Maharashtra

Organising Secretary: Naina Prasad, Research Scholar, Mahatma Gandhi International Hindi Vishwavidyalay, Wardha

Member: Ganeshi Lal, Research Scholar, Jawahar Lal Nehru University, New Delhi

Member: Manorama Kuntal, Department of Political Science, Jamia Millia Islamia

Member: Mrs. Asha Rajpurohit, Assistant Professor Government College, Sailana

Member: Nidhi Singh Rathour, Indira Gandhi National Tribal University, Amarkantak, M.P

Member: Shantoshi Singh Rathour, Indira Gandhi National Tribal University, Amarkantak

Member: Chandra Bhal Tivari Research Scholar Babasaheb Ambedkar University, Lucknow

Member: Ankita Shukla, Research Scholar, Central University, Kerala

Member: Papi Halder Ph.D. Scholar, Lucknow University

Member: Rifa Tabbussum, Aligarh Muslim University

Member: Rupanshi Pruthi, Punjab School of Economics, Guru Nanak Dev University, Punjab

Member: Anjana Thakur Research Scholar, Central University Himachal Pradesh

Website: www.irsa.org.in

Youtube Link: <https://www.youtube.com/@IRSAconversations/about>

Facebook\page: facebook.com/profile.php?id=100089905803854&mibextid=ZbWKwL

WhatsappLink: <https://chat.whatsapp.com/H923mD2xt3N0zu2D19aFpH>

Twitter Link: <https://twitter.com/research13613/status/1717121881047027889/photo/1>

Linkedin: <https://www.linkedin.com/in/indian-research-scholars-association-76503b297/>

Google Meet Link: <https://meet.google.com/pip-wiyg-zze>

Gmail: irsa.ac.in121@gmail.com

About the Indian Research Scholars Association: The India Research Scholars Association is a platform whose objective is to exchange creative, constructive, promotional, and progressive dialogue with research scholars in all the universities, colleges, and research institutes of India doing research in the subjects of Social Sciences, Arts, and Humanity. Have to provide. Through this platform, subject experts' lectures are organized, and information related to research is shared. Lectures are organized into research methodology, contemporary issues, research dynamics, and topics. Only Researchers doing research in various universities, colleges, and research institutes operate this platform. Whose selection is done according to work done in their particular field? In this, lectures related to research are organized by subject experts and research scholars. So that the flow of logic and language can be developed in their works and communication style, this platform welcomes all those research scholars of India who are active in Research work.