



5 Day Workshop on Data Analysis in “SPSS”
(25th February to 1st March, 2019)



Organized by
DEPARTMENT OF STATISTICS
ASSAM UNIVERSITY,
SILCHAR-788011



About the Workshop

Search for knowledge or any systematic exploration to institute facts is research. In the process of exploration to knowledge researchers often encounter huge numerical information. The process of exploring this body of numerical information and to attain meaningful insight from it is called data analysis. Analysis of data is a process of inspecting, cleaning, transforming and modelling data with the goal of discovering useful information and suggesting conclusions. The most popular package for researchers in Science for data analysis today is SPSS.

SPSS is a windows based program, which can be used to perform data entry and analysis and to create tables and graphs. SPSS is capable of handling large amounts of data and can perform mostly all the analyses. Market researchers, health researchers, survey companies, government organizations, academic researchers, marketing organizations, data miners etc. also use it. It has a visual interface, which allows users to leverage statistical and data mining algorithms without programming.

The workshop is designed to orient Faculty members and Researchers in data analysis and programming from basic to advanced level. It shall inculcate confidence in the participants about the usage of statistical data analysis on SPSS.

Objectives of the Workshop

The objective of the workshop is to train the participants on Data Analysis using SPSS along with the underlying theory behind different statistical tools. It will comprise the lectures on basic statistics and basics of SPSS, descriptive statistics and graphs in SPSS, bivariate data analysis, multiple regression, parametric and non-parametric tests, factor analysis, cluster analysis, discriminant analysis, survival analysis, logistic regression, time series analysis and scaling techniques in SPSS with a brief outline of relevant theory.

About the Department of Statistics, Assam University

The department of Statistics, under the Albert Einstein School of Physical Sciences is one of the youngest departments of Assam University, established in 2014. The mission of the department is to develop of the researchers of the university and beyond by providing training in data analysis. The department is located in the second floor of Physics building in a scenic setting of the university with airy class rooms. The department has procured licensed version of SPSS 23 and Systat 13. The seminar hall of the department is equipped with uninterrupted projection facility to support

software training, public address system and internet connection in the computer used for projection and power plugs provided in each desk for participants to run their laptops during practical training sessions. The department also possesses a dust free air-conditioned computer lab. Alongside its normal academic programs, the department organizes workshops on statistical tools, techniques and software for the benefit of research scholars.

Who Can Participate and Criteria of Selection

Registered/enrolled PhD scholars, faculty members of any recognized university/institute or researcher who is in need of SPSS training can apply in the workshop by filling up the prescribed registration form and paying appropriate fees. Participants are expected to have some basic knowledge in Statistics and working knowledge in computer based data analysis. An applicant can send a scanned copy of the filled application form by email to dekamrinal98@gmail.com latest by **15th February, 2019** along with requisite fees. The modes of payments are mentioned below.

There are only 40 vacancies for the program. Thus, it is expected that there shall be many applicants for the workshop. The applicants shall be short listed based on the requirement of the applicant as shall be evident from the registration form and on first-come-first-serve basis. Preference shall be given to candidates with some background knowledge of Statistics and computer applications.

The registration shall close once the required number of participants is attained. Thus, participants are requested to apply early and not to wait for the last date. The employed applicants shall get their form forwarded by competent authority.

An applicant is selected to the workshop; he/she shall be informed by email on or before **19th February, 2019**. In case the applicant is not selected his/her fees (submitted amount) shall be returned. A candidate can withdraw from the workshop at any point of time but the registration fee shall be returned only if the withdrawal takes place on or before **17th February, 2019**. No certificate shall be issued to the participant, if he/she remains absent in any of the sessions.

Registration Fee

The registration fee for the participants is as follows:

1. Rs. 2000/- for Faculty Members working in Universities, Colleges, Research institutes and for employed Researchers/employed Research Scholars.
2. Rs. 1500/- for unemployed full time/part time research scholars.

3. Rs. 1000/- for PG students.

Accommodation, Travel Support and Food

No accommodation or travel support shall be provided to the participants. However, humble working lunch (veg), tea and snacks shall be provided during the workshop.

Mode of Payment

Candidates applying for the workshop are required to pay the registration fee in Cash/Multicity cheque to The Office of the Head, Department of Statistics, Assam University, Silchar 788011, Assam on or before 15th February, 2019 either by person or by post. The Multicity Cheque shall be drawn in favour of **“HEAD DEPT OF STATISTICS”**. Fees can also be paid by NEFT or RTGS to the following account details, UCO Bank, Assam University Branch, Silchar, Branch Code 002005, IFSC code: UCBA0002005, MICR Code of bank: 788028005 and A/C no. 20050110033890 Name of the A/C holder: HEAD DEPT OF STATISTICS. In case of NEFT/RTGS the applicant has to mention the transaction details in the application form. The participants shall be provided with workshop kit, refreshments and vegetarian working lunch during the days of the workshop. All selected participants shall bring their laptop during the workshop days with SPSS loaded in it.

All communication to the participants shall be made via email.

Venue

Seminar Hall, Department of Statistics, Assam University

Important dates

Last date of Submission of Application Form and Fees: 15th February, 2019

Last date of withdrawal with payback: 17th February, 2019

Notification of Selection: 19th February, 2019

Workshop Starts: 25th February, 2019

Workshop Ends: 1st March, 2019

Address of Correspondence

Office of the Head, Department of Statistics, Assam University, Silchar-788011

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REGISTRATION FORM

1. Name: _____
2. Gender: (i) Male (ii) Female
3. Address of Correspondence: _____

4. Email: _____
5. Mobile no. _____
6. Post Graduation in (Subject): _____
7. Are you employed? (i) Yes (ii) No
If yes, your designation and institution _____
8. Do you have any formal training in Statistics? (i) Yes (ii) No
If Yes, provide details _____
9. Amount of fees paid _____
10. (i) Mode of payment _____ (ii) Transaction no. (RTGS/NEFT) _____
11. Why do you feel that the workshop is useful for you? _____

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The information provided above is true to the best of my knowledge.

Date:

(Signature of the Applicant)

Forwarding from the Employer (For employed applicants only)

I forward the application of _____ for the **5 day Workshop on Data Analysis in SPSS** from 25th February to 1st March, 2019 to be held at Assam University. If selected, he/she shall be allowed to join the workshop.

(Signature of the Head of the institution/Department, Name, address and seal)