



Suite 3, First Floor,
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Pakistan

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Online training

Introduction to SPSS and Data Analysis: A practical guide

Training days: June 26-27, 2025

Last date to register: June 19, 2025

Introduction:

Data analysis techniques are an essential component that organisations' research and M&E sections should master. Research Analytics International collaborates with local, national, and international organisations to enhance their capacity, enabling them to be self-sufficient in conducting data analysis and reporting tasks once the research components of various projects are concluded. This training will be practical, utilising real data to equip participants with skills in SPSS, its various functions, and the analysis and interpretation of results. The following modules will be covered during the training sessions.

Training content

Module I

- Introduction to Data and Analysis
 - Type of Data Analysis
 - Types of Variables
 - Types of Scales
- Introduction to SPSS
 - Understanding SPSS Windows (Data View, Variable View, and Syntax)
 - Database making, data entry, and cleaning
 - Importing Data Into SPSS
- Data handling and management
 - Generating New Variable
 - Recoding into the same variable
 - Recording into a different variable
 - Computing
- Statistical Analysis
 - Descriptive Statistics
 - Frequencies, Cross Tabulation, Graphs
 - Measuring dispersion
- Nine Essential Commands of SPSS (Syntax Interface)
- Exporting Output



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Module II

- Introduction to Advanced Analysis
 - Hypothesis testing
 - Defining Null and Alternative Hypotheses
 - Parametric and Non-Parametric Tests
 - T-tests: one-sample t-test, independent sample t-test, paired sample t-test
 - Chi-square test: goodness-of-fit test; independence test
- Bivariate and Multivariate Analysis
- Correlation
- Regression analysis: linear, multiple, logistic regression, etc.
- Multinomial logistic regression
- Interpretation of results of advanced analysis

This training is for:

1. People with roles involving dealing with data and people with an interest in data.
2. Staff from the United Nations, regional, and intergovernmental organizations.
3. Nonprofit and NGO Staff.
4. Analysts in the public and private sectors.
5. Monitoring, Evaluation, and Learning (MEL) Professionals.
6. Research students at master's and PhD levels.

Training fee

The training fee for one participant is **\$150 USD**. There are **group** and **student discounts** (students must have an active student card). This fee includes training material, trainers' fees, and a certificate. This also includes a two-week free consultation after the training. The following are the discounts applicable.

- 5% discount for early bird registration (before 10th June).
- 5% for 2/3 participants from the same organization.
- 7% discount for registration of 4+ trainees from the same organization.
- **Note: Discounts are mutually exclusive.**

How to pay the training fee?

1. After you submit your registration for the training, an invoice will be generated along with the payment instructions.



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2. Final confirmation of registration, along with a detailed itemized training agenda and related instructions, will be provided once payment of the fee is confirmed.

How to register for the training?

Registering with Research Analytics International Inc. is quite simple. We prefer you register by using an online registration form available at https://www.researchanalyticsintl.org/course_register.php. Registration can also be done by emailing to <mailto:trainings@researchanalyticsintl.org>. To get more information regarding other training programs, please keep visiting www.researchanalyticsintl.org/trainings.php and www.facebook.com/raipvt.

Terms and Conditions:

- Registration will be confirmed upon receipt of the fee payment.
- In case training is cancelled, a full fee will be reimbursed. In case training is rescheduled, the delegates will be given the option to continue the registration or request full reimbursement.
- All registration cancellations by delegate(s) intimated within 10 working days before the start of the training will be entertained, and the full fee will be reimbursed. No cancellations will be possible after it; however, replacements are possible at any time before the start of the training.
- All delegates need to have access to computers.

About Research Analytics International

Research Analytics International's mission is to enhance the capabilities to improve data-driven decision-making in the development and humanitarian sectors. It supports NGOs, government agencies, and other organisations in strengthening their capacity to make informed decisions. It focuses on improving agency-level systems, adopting and embracing innovative solutions, and providing workforce training to ensure the adoption of the most up-to-date skills and capabilities.

For more information, please visit <https://raintl.org/>.

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