Suite 3, First Floor,
Capital Trade Centre,
F-10 Markaz,
Islamabad, Pakistan
info@researchanalyticsintl.org

Online training

Introduction to Data Analysis using SPSS

Training days: June 24-25, 2025
Last date to register: June 15, 2025

Introduction:

Data analysis techniques are an essential component that the research and M&E sections of organisations should learn. Research Analytics International collaborates with local, national, and international organisations to enhance their capacity, enabling them to be self-sufficient in completing data analysis and reporting tasks after the research components of various projects are concluded. This training will be practical, using 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.

Module I

- Introduction to SPSS from Basic to Advanced
- Type of Data Analysis
- Types of Variables
- Types of Scales
- Understanding SPSS Windows (Data View, Variable View, and Syntax)
- Database making, data entry, and cleaning
- Importing Data Into SPSS
- Descriptive Statistics/Frequencies, Cross Tabulation, Graphs
- Measuring Central Tendency (Mean, Mode, Median)
- Generating New Variable
- Recoding into the same variable
- Recording into a different variable
- Computing
- Nine Essential Commands of SPSS (Syntax Interface)
- Exporting Output

Module II

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- Introduction to Advanced Analysis (Needs and Requirements)
- 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: linear regression, multiple regression, binary logistic regression;
- 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 **Rs. 25,000 for international organizations, Rs. 20,000 for national organizations, and Rs. 15,000 for students (must have an active student card).** This fee includes training material, trainers' fees, certificates, and government taxes. This also includes a two-week free consultation after training. The following are the discounts applicable.

- 5% discount for early bird registration (before 5th June).
- 5% for 2 to 3 participants from the same organization.
- 10% discount for registration of 4 trainees from the same organization.
- One participant is free on registration of five or more participants from the same organization.

The fee can be paid by the following methods:

1. Online Deposits at UBL (Branch Code: 1155)—School Road, Islamabad Branch: Acc # **000203686098 (**IBAN: PK24 UNIL 0109 0002 0368 6098)
2. Cross Cheque: Account Title: "Research Analytics International"
3. Pay order/demand draft for "Research Analytics International"

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How to register with us?

Registering with Research Analytics International Inc. is easiest. It can be registered at https://www.researchanalyticsintl.org/course_register.php. Registration can also be shared through an email to mailto:trainings@researchanalyticsintl.org. To get more information regarding other training programs, please keep visiting https://www.researchanalyticsintl.org/trainings.php and https://www.facebook.com/raipvt.

Further details about the attendance will be shared on receipt of the registration.

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 15 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 policymaking process across both the public and private sectors. It supports government agencies and other organizations 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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