R for Data Analysis Training

Master data analysis with R and turn raw data into actionable insights.

Course Overview

R for Data Analysis Training
Gain practical experience managing, analyzing, and visualizing data using R. This course guides you from importing raw datasets to producing professional, decision-ready outputs. You will learn data cleaning, statistical modeling, data visualization, and scripting for automation—all in R.

Designed for practical application, this training ensures you can confidently use R in research, consultancy, policy, or business analytics.

What You Will Learn
✔ Import, clean, and structure datasets efficiently
✔ Perform descriptive and inferential statistical analysis
✔ Build and interpret regression, time-series, and predictive models
✔ Handle missing data and transform variables
✔ Automate tasks using R scripts and functions
✔ Generate professional tables, charts, and interactive visualizations
✔ Interpret outputs for clear reporting and presentations

Skills You Will Gain

• Independent data management and analysis in R
• Robust statistical and predictive modeling
• Professional data visualization using ggplot2 and other packages
• Efficient automation of repetitive tasks
• Ability to generate insights that drive evidence-based decisions

Who Should Attend

This training is suitable for:
• Researchers, data analysts, and statisticians
• University students and lecturers
• Monitoring & Evaluation (M&E) professionals
• Development practitioners and consultants

• Business analysts and corporate decision-makers
• Anyone seeking practical, hands-on R data skills

Training Format

• Mode: Physical / Online (Live Instructor-Led)
• Duration: 1–2 weeks (Flexible schedule)
• Certification: Certificate of Completion provided
• Materials Provided: Datasets, R scripts, templates, and resources

Why Train With Us

• Experienced instructors with real-world analytics experience
• Hands-on exercises using real datasets
• Small class sizes for personalized support
• Post-training mentorship and guidance
• Corporate training packages available