



PSYCHOPEDIA

LEARN TRAIN HEAL

Certified Data Analyst in Psychological Research



DAY 1

Introduction to Jamovi & Data Preparation

- Overview of Jamovi – Installation, Interface & Features
- Importing Data (CSV, Excel) & Cleaning Data
- Understanding Data Types & Descriptive Statistics
- Hands-on: Data Exploration & Summary Statistics

DAY 2

Correlation Analysis

- Concept & Types of Correlation (Pearson, Spearman)
- Conducting Correlation in Jamovi
- Interpretation of Results with Practical Examples
- Hands-on: Running Correlations & Visualizing Relationships

DAY 3

T-Tests for Mean Comparisons

- Types of T-Tests (Independent, Paired, One-Sample)
- Assumptions & When to Use Each Test
- Conducting T-Tests in Jamovi & Interpreting Output
- Hands-on: Running T-Tests & Understanding Effect Size

DAY 4

Introduction to Regression Analysis

- Understanding Linear Regression: Concepts & Assumptions
- Running Simple & Multiple Regression in Jamovi
- Interpreting Coefficients, R-Square & Model Fit
- Hands-on: Predictive Modeling with Real-World Data

DAY 5 Practical Application & Advanced Analysis

- Exploring Logistic Regression & ANOVA in Jamovi
- Model Validation & Assumption Testing
- Hands-on: Analyzing a Research Dataset & Writing a Report

DAY 6 Case Studies & Problem-Solving

- Analyzing Real-Life Data from Psychology, Business, & Social Sciences
- Guided Practice on Custom Datasets
- Interactive Q&A Session with Experts

DAY 7 Final Assessment & Certification

- Individual Data Analysis Project
- Submission & Feedback
- Certification of Completion

WHAT YOU'LL GET

1. Hands-on practice worksheets for each topic
2. Real-world case studies & datasets
3. Interactive Q&A & expert guidance
4. Completion certificate

ENROLL NOW
Limited Seats Available!

Earn a Certified Credential in **Psychological Data Analysis** with **Jamovi** and gain:

- **Essential Research Skills** – Master correlation, t-tests, regression, ANOVA for psychology.
- **Hands-on Experience** – Analyze real-world psychological data using Jamovi.
- **Stronger Academic Profile** – Enhance your thesis, dissertations, & research publications.
- **Career Advantage** – Stand out for research roles, internships & higher studies.
- **Interdisciplinary Application** – Valuable for forensic, clinical & cognitive psychology.

For Undergrads | Postgrads | Research Scholars



*Director, Psychopedia
Editor in Chief, IJIAP*