



NEW AGE
EDU SERV
Making the Future Better

WORKSHOP ON ADVANCE DATA ANALYSIS TECHNIQUES FOR RESEARCH USING AI



- ✓ LEARN CUTTING-EDGE AI TOOLS FOR RESEARCH
- ✓ MASTER DATA CLEANING, VISUALIZATION & INTERPRETATION
- ✓ HANDS-ON SESSIONS WITH REAL DATASETS
- ✓ ADVANCED STATISTICAL & PREDICTIVE MODELLING
- ✓ AI-POWERED RESEARCH PAPER INSIGHTS & AUTOMATION
- ✓ EXPERT FACULTY & LIVE Q&A SUPPORT
- ✓ SUITABLE FOR RESEARCHERS, PHD SCHOLARS & ACADEMICIANS
- ✓ E-CERTIFICATE UPON COMPLETION



DATE

8th Sept To 20th Sep 2025



TIME

8:00PM 9:00PM



LOCATION

Online Via Google Meet

50% OFF

~~3998~~ **1999**

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ABOUT

We are delighted to invite you to a 12-day Workshop on Advance Data Analysis Techniques for Research Using AI, organized by New Age Edu Serv, Faridabad, Haryana, from 8th September 2025 to 20th September 2025.

This workshop offers a unique opportunity for Academicians, Ph.D. scholars, PG students, and participants from all disciplines and related fields of Higher Education to enhance their expertise in AI-driven data analysis techniques for research.

INTRODUCTION

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PEDAGOGY

The pedagogy for teaching data mining and advanced data analysis has been designed to foster active learning, critical thinking, and practical application.

Interactive Lectures: Engaging sessions will introduce key concepts, theories, and techniques through interactive discussions. Visual aids, real-world examples, and case studies will be used to make abstract ideas clear and relatable.

Hands-on Exercises: Practical assignments and guided exercises will enable participants to apply concepts learned in lectures. Participants will work with datasets, perform data processing, analysis, and interpretation using relevant AI-powered software tools.

Group Projects: Collaborative projects will encourage participants to solve real-world problems using data mining and analytics techniques, enhancing teamwork and problem-solving skills.

By adopting a learner-centered and experiential approach, this pedagogy ensures that participants not only understand advanced data analysis concepts but also retain and apply them effectively in research and professional contexts. This approach promotes deep engagement, better comprehension, and readiness to use these skills in practical scenarios.

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AIM AND OBJECTIVES

The aim of this workshop on Advanced Data Analysis Techniques for Research is to provide participants with a deep understanding and practical expertise in applying AI-powered data mining and analytics methods. The objectives include:

Knowledge Acquisition: Equip participants with a comprehensive understanding of data mining and analytics techniques, including their principles, methodologies, and diverse applications across domains.

Skill Development: Through theoretical sessions and hands-on exercises, participants will learn to preprocess, analyze, and interpret data using advanced data mining and analytics tools.

Problem Solving: Enable participants to identify real-world problems and apply appropriate AI-driven data analysis approaches to generate meaningful insights and solutions.

Ethical Considerations: Foster awareness of the ethical implications of data mining and analytics, addressing privacy, bias, fairness, and responsible data practices.

Professional Development: Enhance participants' data literacy, analytical skills, and decision-making abilities, thereby improving their research outcomes and career opportunities in the data-driven world.

EXPECTED OUTCOME

The expected outcomes of the Advanced Data Analysis Techniques for Research workshop are multifaceted, focusing on knowledge acquisition, skill enhancement, and practical application with AI tools. Key outcomes include:

Comprehensive Understanding: Gain a thorough understanding of advanced data analysis concepts, methodologies, and research applications.

Practical Skills: Develop hands-on expertise in handling, analyzing, and interpreting data using relevant AI-powered software and programming tools.

Problem-Solving Abilities: Learn to identify, formulate, and solve real-world problems across multiple domains (e.g., marketing, finance, healthcare) using data mining and analytics approaches.

Innovation and Creativity: Discover novel ways to leverage data, fostering creative thinking, innovation, and data-driven decision-making.

Professional Development: Enhance career prospects by acquiring advanced analytical skills, improving data literacy, and staying adaptable to evolving industry trends.

Collaborative Learning: Engage with a collaborative community, share insights, exchange best practices, and expand professional networks.

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WORKSHOP SCHEDULE: ADVANCE DATA ANALYSIS TECHNIQUES FOR RESEARCH USING AI

Date	Time	Topic	Speaker
Sep 8, 2025	8:00 pm to 9:00 pm	Introduction to AI and its relevance in research	Dr. Urvesh Chaudhary
Sep 9, 2025	8:00 pm to 9:00 pm	AI tools used in research	Dr. Urvesh Chaudhary
Sep 10, 2025	8:00 pm to 9:00 pm	Session on Chat GPT and its use in research	Dr. Urvesh Chaudhary
Sep 11, 2025	8:00 pm to 9:00 pm	Session on Jenni AI – writing research literature review	Dr. Urvesh Chaudhary
Sep 12, 2025	8:00 pm to 9:00 pm	Data Visualisation Using Excel Part – 1 & 2	Dr. Ashwini Raj
Sep 13, 2025	8:00 pm to 9:00 pm	Data Quality	Dr. Urvesh Chaudhary
Sep 15, 2025	8:00 pm to 9:00 pm	Data Normalization	Dr. Urvesh Chaudhary
Sep 16, 2025	8:00 pm to 9:00 pm	Correlation and Regression	Dr. Urvesh Chaudhary
Sep 17, 2025	8:00 pm to 9:00 pm	Logistic Regression	Dr. Urvesh Chaudhary
Sep 18, 2025	8:00 pm to 9:00 pm	Discriminant Analysis	Dr. Urvesh Chaudhary
Sep 19, 2025	8:00 pm to 9:00 pm	Report Writing using AI tools	Dr. Urvesh Chaudhary
Sep 20, 2025	8:00 pm to 9:00 pm	How to write good research paper	Dr. Yashpal Singh

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REGISTRATION PROCESS

Instructions for Google Form Registration Process

1 Complete the Payment

- Make the payment using the provided Scan QR / UPI.
- Note the Transaction ID and take a screenshot of the payment confirmation.

2 Fill Out the Registration Form

- Enter your Full Name, Email ID, Mobile Number, State and Mention Counsellor Name.

3 Upload Payment Screenshot

- In the form, upload the screenshot of the payment receipt as proof of payment.

4 Submit the Form

- Double-check all the details before clicking Submit.
- Once submitted, your registration will be processed.

5 Inform the Counselor

- Send the payment screenshot to the designated counselor's WhatsApp or Email for verification.
- You will receive a confirmation message once your registration is verified.



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📞 Contact for Assistance:
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