

Kulsum Banoo

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Education

K.R. Mangalam University

MCA in AI ML

Data visualization | AI workflows

Sohna

2025-27

Shyama Prasad Mukherji College for Women, Delhi University

Deep theoretical understanding of the **statistical, probabilistic, and linear algebra principles** that power modern machine learning algorithms. Completed with a strong foundation in analytical thinking, problem-solving, and computational mathematics.

Delhi

2021-2024

CGPA: 6.514

Experience

Learner

Student Developer & Learner

2024-Present

- Actively built practical skills in machine learning, and data analysis through hands-on projects.
- Focused on applying mathematical concepts and analytical thinking to solve computational challenges.
- Continuously sharpens problem-solving skills on platforms like LeetCode.

Mathematics Graduate & Problem Solver

Delhi University

2021-2024

- Developed analytical thinking, complex problem-solving, and computational mathematics.
- Applied advanced mathematical concepts to data analysis and computational problems.

University Projects

Machine Learning Project

- Description: Applied various ML algorithms to solve real-world data problems, focusing on model exploration and data preprocessing
- Python, Machine Learning (ML), Data Science

Data Analysis Project

- Description: Analyzed datasets using Python libraries (Pandas) to extract insights and created visualizations.
- Technologies: Python, Pandas, Data Visualization

Certifications & Achievements

- Professional Certificate: IBM - Machine Learning (Practical introduction to ML concepts and workflows).
- Extracurricular: Recognized achievements in Handball, Volleyball, and Shotput at regional and national levels, demonstrating discipline and strategic determination.

Sep-2025

Additional Technical Skills

Programming: Python (Core, Pandas, NumPy, Scikit-learn), Java, C++, JavaScript, HTML/CSS

ML & Data: Machine Learning, Data Analysis, Data Visualization, ML Algorithms, Data Preprocessing

Tools & Platforms: VS Code, Jupyter Notebook, Git/GitHub, LeetCode, GeeksforGeeks

Development: Web Development, Full-Stack Concepts