

# Kulsum Banoo

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## SUMMARY

Aspiring Machine Learning and Data Science professional with strong foundations in mathematics, analytical thinking, and computational problem-solving. Skilled in Python, ML algorithms, and data analysis with hands-on academic projects. Demonstrates continuous learning and problem-solving through platforms like LeetCode.

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## TECHNOLOGIES

**Programming:** Python, Java, C++, JavaScript, HTML/CSS

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

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

**Development:** Web Development, Full-Stack Concepts

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## EDUCATION

**K.R. Mangalam University** — MCA in AI & ML

2025 – 2027

Focus on Data Visualization, AI workflows.

**Shyama Prasad Mukherji College for Women, Delhi University** — B.Sc. Mathematics

2021 – 2024

CGPA: 6.514

Strong foundation in statistics, probability, linear algebra, and computational mathematics.

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## EXPERIENCE

**Student Developer & Learner**

2024 – Present

- Developed practical skills in ML and data analysis through hands-on projects.
- Applied mathematical and analytical techniques to solve computational challenges.
- Strengthened coding and reasoning through regular LeetCode practice.

**Mathematics Graduate & Problem Solver — Delhi University**

2021 – 2024

- Solved complex mathematical and computational problems.
  - Applied advanced mathematical concepts to data analysis workflows.
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## PROJECTS

**Machine Learning Project**

- Applied ML algorithms for real-world problem solving.
- Performed feature analysis, preprocessing, and model evaluation.
- Technologies:** Python, Machine Learning, Data Science

**Data Analysis Project**

- Conducted EDA and extracted insights from datasets using Python.
  - Created visualizations for data interpretation.
  - Technologies:** Python, Pandas, Data Visualization
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