

Samarth Sahab Mathur

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ABOUT

M.Tech student in Software and Data Engineering at the Indian Institute of Information Technology, Allahabad. After completing a common foundational semester, currently specializing in data engineering. Strong interest in data analysis, machine learning fundamentals, and applying statistical and mathematical techniques to real-world data problems. Seeking opportunities in data engineering, machine learning, and data-driven research roles.

Education

Indian Institute of Information Technology, Allahabad

M.Tech – Software and Data Engineering

Dr. A.P.J. Abdul Kalam Technical University

Bachelor of Technology (B.Tech)

Technical Skills

Programming Languages: Python, C

Data & Machine Learning: Data Analysis, Machine Learning Fundamentals, Feature Engineering, Model Evaluation

Mathematics: Linear Algebra, Probability, Statistics

Tools: Git, GitHub

Projects

Data Analysis and Machine Learning Practice Projects

- Performed data cleaning, preprocessing, and exploratory data analysis using Python.
- Implemented basic machine learning models for classification and regression tasks.
- Applied feature engineering techniques and evaluated models using standard performance metrics.
- Developed understanding of data pipelines, model behavior, and result interpretation.

Experience

Technical Freelance Work

- Worked on programming-based problem-solving tasks requiring logical reasoning and structured code.
- Translated technical requirements into functional implementations while maintaining code quality.

Certifications

Python Programming – IIT Kanpur

- Built strong foundations in Python programming, object-oriented concepts, and algorithmic problem solving.