Ameer Ullah Khan

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Curious and creative Mathematics student with a passion for problem-solving and technology. I am keen on exploring real-world applications of mathematical concepts in AI and Machine Learning. I have engaged in various projects and have developed a strong skill set in data analysis, ready to contribute to innovative solutions in my field.

EDUCATION

BS
Namal University Mianwali
10/2022 - Present *Mianwali, Pakistan*

Key Courses

- Machine Learning
- Calculus
- Numerical Method
- Optimization
- Data Visualization
- Linear Algebra
- Topology
- Probability & Statistics

F.Sc Pre Engineering
Govt. College Makerwal
08/2020 - 04/2022 *Mianwali, Pakistan*

EXPERIENCES

Machine learning Intership
Code Alpha
07/2025 - 09/2025
Worked on real-world datasets, built and evaluated ML models, and gained hands-on experience in data preprocessing, feature engineering, and predictive analysis

Teacher Assistant
Mathematics Department at Namal University
09/2025 - 02/2026
Supported instructors, guided students in mathematical concepts, and assisted with assignments, grading, and classroom management

VOLUNTEER WORK

Namal Social Society Impact(NSSJ) (02/2023 - 09/2025)
Blood wing

NSSJ (12/2022 - 03/2023)
General Body

Namal Mathematics Society (02/2025 - 03/2025)
Mathematics Carnival

SKILLS

MS Office | Power Bi | Python | Streamlit | TORA | Time Management | Generative AI

PROJECTS

AI Powered Legal Assistant(FYP)
(10/2025 - 12/2025)

- Created an AI-powered legal assistant that simplifies complex Pakistani laws into easy-to-read explanations. Utilized NLP, RAG retrieval, and LLMsummarization to enhance public access to legal understanding.

Heart Disease Prediction (02/2025 - 06/2025)

- Developed a Random Forest-based predictive model using patient data to assess heart disease risk. Achieved high accuracy to support early diagnosis in healthcare

Unrevealing Fibonacci Bunnies (03/2023 - 07/2023)

- semester project of calculus
- Developed a Random Forest-based predictive model using patient data to assess heart disease risk. Achieved high accuracy to support early diagnosis in healthcare

Sales Analysis (03/2023 - 07/2023)

- semester project of Introduction To programing
- Analyzed sales data to identify trends, patterns, and performance insights over time. Used basic statistical techniques to support data-driven business decisions

CERTIFICATES

Basic of Python
Soft Skill Development Program(PEEF)
Certificate of Appreciation
Machine Learning
Introduction to Data Science
Data Analytics
Power BI

LANGUAGES

English
Professional Working Proficiency

Urdu
Professional Working Proficiency

Pashto
Native or Bilingual Proficiency