

Samia .

Student of Mathematics

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A passionate Mathematics student specializing in Data Science with expertise in AI and ML. Skilled in data analysis, visualization, and predictive modeling using Python, R, TensorFlow, and OpenCV. Experienced in mathematical data architectures, feature engineering and statistical data processing. Passionate about solving real-world problems through data-driven solutions.

EDUCATION

Bachelor of Science (BS) in Mathematics Namal University Mianwali

11/2021 - Present

Some Key courses

- Data Science
- Optimization
- Machine Learning
- Data Analysis and Visualization

WORK EXPERIENCE

Co-Head (Community Enhancement Wing) Namal Society For Social Impact

10/2024 - Present

Namal University, Mianwali

Event Coordinator Scholar Bridge Society, Namal Student Chapter

10/2024 - Present

Namal University, Mianwali

Co-Organizer Writing a Research Paper and Getting it Published (One Day Workshop)

01/2025 - 01/2025

Namal University, Mianwali

Co-Organizer Namal STEAM Club

09/2022 - 05/2024

Namal University, Mianwali

Graphic Designer Infinity

04/2024 - 05/2024

Namal University, Mianwali

Co-Head (Marketing) Namal Dramatic Club

09/2022 - 09/2023

Namal University, Mianwali

Co-head (Marketing) Namal Klub for Arts and Media

11/2021 - 11/2022

Namal University, Mianwali

Photographer Namal Mathematical Society

11/2021 - 11/2022

Namal University, Mianwali

SKILLS

Problem Solving

Creative

Analyst

Project Management

Latex

Python

R

Graphic Designing

Team work

Multi-tasking

PROJECTS

Images Based AI-Algorithm For Soil Analysis: Final Year Project (09/2024 - Present)

- Developing an AI-driven mobile app for precision agriculture.
- Engineered a mathematical model, yielding promising results.

Course Projects

- Emotion Classification Using Facial Recognition.
- AI-Powered Diamond Price Prediction.
- AI-Driven House Price Prediction.
- Namal Boys Hostel Space Optimization.
- Data Interpretation using R language.

CERTIFICATES

Introduction to AI (Great Learning)

Introduction to Computer Vision (Great Learning)

Introduction to R (Great Learning)

Image Recognition Basics For Beginners (Simplilearn SkillUp)

Certificate of Participation

Punjab Innovation & Technology (PiNTECH) Expo 2025, Expo Centre Lahore

Certificate of Participation

NAMAL TECH EXPO 2025, Namal University, Mianwali

Certificate of Participatipon

Business Idea Competition, Namal University Mianwali

Scholarship Certificate (Govt. of Punjab)

Received the PEEF Scholarship for A+ grade in Matriculation.

ACHIEVEMENTS

Merit Scholarships

Granted merit scholarships for academic excellence in college and university.

INTERESTS

Research Oriented Tasks

Cooking