

Sana Gul

📍 Islamabad, Pakistan

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OBJECTIVE

A dedicated data scientist and mathematics lecturer with expertise in Python and machine learning, seeking to apply predictive modeling skills to solve real-world challenges. Focused on utilizing advanced algorithms for healthcare and data-driven decision-making.

EXPERIENCE

- ASAS International School F-8/4, Islamabad** March 2024- Oct 2024
Math Lecturer

EDUCATION

Masters in Mathematics Jan 2023- Jan 2025

Comsats University, Islamabad | Pakistan

- Research Work:** Predictive analysis and Machine learning for monitoring recovery in covid-19 patients
- Developing predictive models using Python to monitor recovery trajectories of COVID-19 patients.
- Implementing machine learning algorithms such as Support Vector Machines, K-Nearest Neighbors, Logistic regression and Artificial Neural Networks for accurate forecasting.
- Utilizing Python libraries (Pandas, NumPy, Scikit-learn) for data preprocessing, analysis, and visualization.

Bachelors in Mathematics Jan 2019- Jan 2023
Air University, Islamabad | Pakistan

Bachelor of Education B. ED 2023-Present
Allama Iqbal Open University, Islamabad

Higher Secondary School Certificate (HSSC- PRE- ENGINEERING) 2016-2018
Punjab College for Women F-8/4, Islamabad

- Pre-Engineering

Secondary School Certificate (SSC) 2014-2016
Islamabad Model College For Girls I-9/1

- Science

Technical Skills

- Microsoft Office** (Complete knowledge of Microsoft word, spreadsheet, and PowerPoint)
- MATLAB** (Knowledge of a circuit implementation simulation on Simulink)
- Maple** (Basic Knowledge)
- Python** (Intermediate)
- Spss**

Awards & Achievements

Certificate of Appreciation

This certificate is awarded by Asas International School

English Proficiency Certificate

These Certificates are awarded by Air, Comsats University Islamabad

Certificate of Participating in 21st International Conference on Frontiers of Information Technology

This Certificate is awarded by FIT

Additional Skills

- Highly organized and efficient.
- Excellent verbal communication skills.
- Strong sense of responsibility.