

Muhammad Awais

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📍 Mianwali, Pakistan

BS Mathematics with strong analytical and problem solving skills, passionate about Data Science and statistical modeling. Skilled in mathematical modeling, data analysis, and mathematical reasoning with a keen interest in machine learning. Eager to apply academic knowledge to real world data driven solutions.

EDUCATION

Bachelor of Science in Mathematics

Namal University Mianwali
Sep 2022 - Present

Key Courses

- Differential Equation
- Mathematical Biology
- Numerical Methods
- Machine Learning

FSc Pre-Engineering

Punjab Group of Colleges
May 2020 - Aug 2022

CERTIFICATES

Soft Skills Development Program

Punjab Educational Endowment Funds
Apr 2025

Task/Achievement

Participated in a three day professional development session organized by Punjab Educational Endowment Fund (PEEF), focusing on communication skills, interpersonal behavior, activity management, teamwork, and personal development

Member of Organizing Committee of Math Carnival

Namal Mathematical Society
Jun 2024

Task/Achievement

We managed guest hospitality and ensured proper arrangements for visitors. We were also responsible for luggage management and coordination during the event, while assisting the team in maintaining smooth event operations and effective coordination.

Finance Assitant

Namal Skills Development Society
Feb 2023 - Jun 2024

Task/Achievement

Manage the overall budget of society for 1 year.

SKILLS

Mathematical Modeling

Python

Data Cleaning

Data Visualization

Machine Learning

Deep Learning

Linear Algebra

Data Analysis

PROJECTS

Modeling The Transmission Dynamics of HPV & Cervical Cancer

Final Year Project
Oct 2025 - Present

Achievements

- Built compartmental model for HPV spread with vaccination/treatment strategies
- Developed web-based visualization and prediction tools for healthcare insights

Online Shopper Purchasing Behavior Dashboard

Analysis of online user behaviour
Nov 2025 - Jan 2026

Achievements

- Performed data preprocessing and feature engineering using several python libraries.
- Created interactive dashboard analyzing user behavior, conversions, and trends.

Traffic Sign Classification (CNN)

Perdiction
Aug 2025 - Sep 2025

Achievements

- Learned and applied data preprocessing techniques, including handling null values, utilizing feature engineering methods, and preparing datasets for model training.
- Learn how tuning of hyperparameters effect results either.

LANGUAGES

English

Limited Working
Proficiency

Urdu

Professional Working
Proficiency

Siraiki

Native or Bilingual
Proficiency

INTERESTS

Badminton

Film Analysis

Story Telling

Online Games