



# Muhammad Khurram Shehzad

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Aspiring Data Scientist with a strong foundation in mathematics, machine learning, and statistical analysis. Skilled in data analysis, visualization, and building machine learning models through academic and self driven projects. Passionate about solving real world problems using data driven approaches and continuously improving skills through practical learning and research.

## EDUCATION

### Bachelor of Science in Mathematics

Namal University Mianwali  
Sep 2022 - Present | CGPA 3.07

#### Key Courses

- Machine Learning
- Linear Algebra
- Probability and Statistics
- Introduction to Linear Programming and Optimization

### Intermediate in Computer Science

Punjab Daanish School Boys Harnoli, Mianwali  
May 2020 - Aug 2022 | 81%

## 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.

## SKILLS

Python SQL Numpy Pandas Scikit Learn

TensorFlow Matplotlib Seaborn Plottly Dash

Power BI Ms Excel Ms Power Point

## PROJECTS

### A Review on Data Driven Perspective of Knot Theory

Final Year Project  
Nov 2025 - Present

#### Achievements

- We successfully learn how to convert knots into numerical vectors. We become familiar with new libraries for applying mapper and ball mapper on that vectors. We create dashboard which classify whether two knots are equivalent or not.

### BMW Sales (2010-2024) Dashboard

Analysis  
Dec 2025 - Jan 2026

#### Achievements

- Analyzed BMW sales data (2010-2024) using Dash and Power BI, identifying yearly revenue trends and regional sales patterns through interactive dashboards.

### Bank Customer Churn Prediction

Analysis  
Aug 2025 - Sep 2025

#### Achievements

- "Built an ANN based customer churn prediction model with TensorFlow and improved prediction performance through hyperparameter tuning.

## LANGUAGES

### English

Limited Working  
Proficiency

### Urdu

Professional Working  
Proficiency

### Siraiki

Native or Bilingual  
Proficiency