

# Muhammad Haris Imran

Data Analyst & Data Scientist

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## Professional Summary

Highly motivated and detail-oriented Data Analyst and Data Scientist with hands-on experience in data wrangling, visualization, and predictive modeling. Skilled in applying analytical and machine learning techniques to drive data-driven decision making. Experienced in developing AI-based healthcare solutions, building dashboards, and optimizing data workflows. Passionate about turning raw data into actionable insights for impactful business and research outcomes.

## Professional Experience

### Logi Vertex — Data Analyst (Jan 2024 – Sep 2024)

- Utilized advanced SQL in Snowflake to execute complex queries, streamline ETL workflows, and build semantic data models.
- Conducted exploratory data analysis (EDA) to identify key patterns and drive business recommendations.
- Collaborated with stakeholders to translate data insights into actionable business strategies.

### Web Gait — Data Analyst / WordPress Developer (Jan 2023 – Dec 2023)

- Performed data cleaning, transformation, and validation to support accurate business reporting.
- Managed and optimized WordPress sites for performance, SEO, and user engagement.
- Streamlined data representation through analytics dashboards and performance tracking.

## Projects & Research Experience

### AI-Driven Multi-Model Classification System for Detecting Retinopathy of Prematurity (Jan 2024 – Jun 2025)

- Developed an AI-powered diagnostic system for retinal image classification using VGG16 and SegNet models.
- Achieved 93% accuracy through image preprocessing, augmentation, and regularization.
- Deployed a Gradio web app on Hugging Face with secure authentication for real-time predictions.
- Created SDLC documentation (UML, ER, DFDs) and used GitHub for version control.

## Education

### Bachelor's in Computer Science — University of Central Punjab, Lahore (Expected: June 2025) CGPA: 2.6

## Certifications

- Google Data Analytics Professional Certificate — Coursera
- DeepLearning.AI TensorFlow Developer Certificate — Coursera

## Technical Skills

- Programming & Databases:** Python (Pandas, NumPy, Scikit-learn), SQL (MySQL, SQL Server, Snowflake)
- Data Analytics:** Data Cleaning, Wrangling, EDA, KPI Reporting, Feature Engineering
- Visualization:** Power BI, Tableau, Excel, Matplotlib, Seaborn
- Machine Learning:** Regression, Classification, Deep Learning (VGG16, SegNet), Computer Vision
- Tools:** Jupyter, Git/GitHub, Google Workspace, PyTorch, TensorFlow, OpenCV
- Web & Deployment:** WordPress, Gradio, Hugging Face Spaces

## Awards & Extracurricular Activities

- General Member — UCP Usher Society (2021–2025)
- Volunteer — Al Khidmat Foundation (Community Service & Event Organization)
- Participated in multiple university-level data analytics and AI hackathons.