

Muhammad Bilal Qaisar

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I am a 7th semester Data Science student with hands-on experience in Artificial Intelligence, Agentic AI, Generative AI, Database Management, SQL Server, Power BI, and ETL/ELT pipeline design. Skilled in applying AI/ML techniques to build scalable data solutions and optimize workflows. Passionate about leveraging data and AI-driven systems to deliver impactful insights and drive intelligent decision-making. Seeking challenging roles where I can apply my expertise in Data Science and AI to contribute to innovative projects and real-world impact.

EXPERIENCE / PROJECTS

Primo Dialler

Sep 2025 – Present

AI Engineer Intern

Lahore, Pakistan

- Developing AI-driven systems using LLMs, LangChain, and LangGraph with RAG and Agentic AI for intelligent automation.
- Building and deploying FastAPI microservices to integrate modular AI agents into production environments.
- Designing scalable data and model workflows to enhance system reliability, adaptability, and performance.

Alpha Science Academy

Jan 2024 – Jan. 2025

Programming Teacher (Remote)

Lahore, Pakistan

- Conducted remote lectures on Programming Fundamentals and OOP in C++ and Python, covering core concepts and problem-solving techniques.
- Designed and delivered hands-on coding exercises and projects to enhance students' practical programming skills.

Smart Surveillance System

- Built a Computer Vision model to detect fighting and smoking behaviors by preprocessing video frames.
- Deployed a Streamlit interface for real-time monitoring and detection.
- **Tools & Technologies:** Python, OpenCV, NumPy, PyTorch, Streamlit, Computer Vision

Job Postings Fraud Detection

- Developed an ML model to detect fake job postings using NLP with XGBoost and Random Forest.
- Built a Streamlit dashboard for real-time predictions with SHAP-based explainability.
- **Tools & Technologies:** Python, NumPy, Pandas, Streamlit, Scikit-learn, XGBoost, SciPy, Joblib

AI/ML and Data Visualization Projects

- Built an ML model to predict hypertension using data analysis and predictive modeling.
- Created a Python app for data preprocessing (missing values, outliers) to generate clean datasets.
- Designed a Power BI dashboard for Sales Data Analysis to track performance and trends.
- **Tools & Technologies:** Python, ML, Data Visualization, Data Analysis, Power BI, ETL, SQL

Descriptive and Statistical Analysis

- Analyzed IT staff churn from 250+ responses using statistical techniques to identify key factors.
- Studied screen time effects on eye health with 275+ participants using advanced statistical methods.
- **Tools & Technologies:** Correlation, Hypothesis Testing, Data Visualization (Matplotlib, Seaborn)

EDUCATION

Punjab University College of Information Technology

Lahore, Pakistan

Bachelor of Data Science

Dec. 2022 – Present

Superior College

Gujranwala, Pakistan

ICS - Physics

July. 2020 – July 2022

SKILLS

Programming/Scripting: Python, C++, JAVA, SQL, Oracle PL/SQL, Power BI, DAX, n8n

Technical Skills: AI, Machine Learning, Big Data Analytics, Data Warehousing, DBMS, Data Visualization, Model Deployment