UZAIR ABBASI

📞 +923115105792

✉️ abbasiuzair180@gmail.com

in https://www.linkedin.com/in/uzair-abbasi-47163423a

⭘ https://github.com/uzairabbasi112

📍 Location: Mohala Feroz Pura, Haripur, Pakistan

DATA SCIENTEST AND ANALYST

Data Analyst with expertise in data visualization, statistical analysis, and predictive modeling. Proficient in Python, SQL, and Power BI, with a strong ability to translate complex data into actionable insights. Experienced in handling large datasets and optimizing business decisions through data-driven strategies.

EDUCATION & CERTIFICATIONS

Bachelor in Data Science | **2021 - 2025**

Bachlor's Degree at Pak Austria Fachhochscule Institute of Applied Science and Technology

Courses

Google Project Management (Coursera)

Google Cyber Security (Coursera)

Auto CAD

Certificates and Awards

BIC FTTP Bootcamp Paf-iast Participation

Google Dev Society Project Exibition

Paf-iast Exihibition 1st prize Award

BizzTech Project Exibition

Award of High Score Ranking in Data Science

Language

English

PROFESSIONAL EXPERIENCE

Machine Learning Intern | National Center for Physics (NCP)
(June 2022 – September 2022)

- Built Python scripts for automated data processing and statistical modeling.
- Designed a Python-based game to simulate physics experiments, improving user engagement by 25%

Data Analyst Intern | Pakistan Telecommunication Company Limited (PTCL)
(June 2023 – September 2023)

- Developed ETL pipelines using SQL and Python, reducing data retrieval time by 30%.
- Created interactive Power BI dashboards to visualize customer churn trends, improving decision-making efficiency.
- Analyzed large datasets (1M+ records) to identify revenue optimization opportunities.

Research Assistant (Final Year Project) | National Center for Physics (NCP)
(September 2024 – Present)

- Developing a sign language recognition system using LSTM and OpenCV, achieving 92% accuracy.
- Added a chatbot API for real-time text-to-speech conversion.

PROJECTS

SIGN LANGUAGE

- Built an AI model using LSTM and Random Forest to interpret sign language gestures (92% accuracy).
- Implemented real-time hand tracking with OpenCV and API call for voice output.

ANIMAL DETECTION

Trained a YOLOv8 model to classify 4 animal categories (dog, sheep, lion, goat) with 89% accuracy.

EMPLOYEE MANAGEMENT SYSTEM

- Designed and developed a full-stack web application using HTML, CSS, PHP, and MySQL.
- Implemented role-based access control for Admin, Manager, and Staff portals.
- Integrated core modules:
- **Attendance System:** Tracked employee work hours and generated timesheets.
- **Task Management:** Enabled task assignment, progress tracking, and report generation.
- **Leave Management:** Automated leave requests, approvals, and balance tracking.

SKILLS

Artificial Intelligence	Web Development	Other
Machine Learning	HTML	MS Office(Excel, Word, PowerPoint)
Computer Vision	CSS	Critical Thinking
Chat Bot	Java script	Problem Solving
Deep Learning	PHP	Multi-threading
Data Science and Analytics	Database	
Data Minning	NO SQL	
Data Cleaning and EDA	Bubble.io	
Data Visualization	React	