Ayesha Zafar

Email: ayeshaaazafar2004@gmail.com | Phone: 03700357898

Location: Lahore, Pakistan

LinkedIn: https://www.linkedin.com/in/ayesha-zafar03

GitHub: https://github.com/Ayesha-Zafar-03

Education

BS Software Engineering – University of Management and Technology, Lahore (2022 – Present) | CGPA: 3.71/4

Experience

Data Science Intern – 10Pearls, Lahore (June 2025 – August 2025)

- Managed an end-to-end data science project from data collection to insights presentation.
- Delivered stakeholder presentations explaining methodology, insights, and results.
- Conducted data preprocessing, feature engineering, and statistical analysis.
- Enhanced communication, project management, and critical thinking skills.

Projects

AQI Prediction System

GitHub: https://github.com/Ayesha-Zafar-03/AQI-PREDICTION

Live App: https://aqi-prediction-hmnwsdviqmzbdcsdvrbpnt.streamlit.app/

- Built a machine learning model to forecast Air Quality Index for 3 days ahead.
- Used Random Forest, Linear Regression, and Ensemble techniques for accuracy.
- Integrated historical datasets with OpenWeather API.
- Developed a Streamlit dashboard with SHAP-based explainability.
- Deployed with Podman and Streamlit Cloud.

Tint & Tales – E-Commerce Website

GitHub: https://github.com/Ayesha-Zafar-03/T-T-Web

- Built a responsive e-commerce replica with login, signup, shopping cart, and search.
- Implemented dynamic product rendering using JavaScript (ES6).
- Technologies: HTML5, CSS3, JavaScript, Local Storage.
- Collaborated in a team environment with version control and debugging.

Technical Skills

Programming: Python, Java, C++, C, MATLAB, Bash

Web Development: HTML, CSS, JavaScript, Bootstrap

Machine Learning: scikit-learn, Pandas, NumPy, Matplotlib, SHAP

Databases & Tools: MySQL, XAMPP, Docker

Version Control: Git, GitHub

Operating Systems: Windows, Ubuntu

Others: Streamlit, Hugging Face, Microsoft Office Suite

Certifications

• Machine Learning for Beginners – Sololearn

• Certificate of Appreciation – Volunteer, Grand Iftar Drive

Awards

• Rector's Merit Award – Fall 2024 (GPA: 4.0/4.0)

Languages

• Urdu – Native or Bilingual Proficiency

• English – Full Professional Proficiency