

ABDUL AHAD

AI/ML Engineer | Data Science & Analytics

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PROFILE

Computer Science student at the University of Engineering & Technology (UET), Lahore, specializing in Artificial Intelligence, Machine Learning, Data Science, and Analytics. Experienced in building data-driven solutions involving data preprocessing, exploratory data analysis, predictive modeling, machine learning, business intelligence, and interactive dashboards. Passionate about transforming raw data into actionable insights and developing intelligent applications that solve real-world problems.

SKILLS

AI & Machine Learning:

- Python, Scikit-Learn, TensorFlow, Classification, Regression, Feature Engineering, Model Evaluation, Predictive Analytics

Data Science & Analytics:

- Pandas, NumPy, Data Mining, EDA, Statistical Analysis, Data Visualization, Power BI, Matplotlib, Seaborn

Development & Tools:

- FastAPI, React, Git, GitHub, Jupyter Notebook, VS Code

PROJECTS

SMARTMINER — AI-Powered Data Mining & Predictive Analytics Platform

- Developed an end-to-end data mining and analytics platform for extracting actionable insights from structured datasets
- Implemented data preprocessing, pattern discovery, visualization, and predictive analytics workflows
- Applied machine learning techniques for intelligent reporting and decision support
- Designed interactive dashboards for data exploration and business intelligence
- Built a scalable architecture using modern AI and analytics technologies
- Tech Stack:** Python, Pandas, NumPy, Scikit-Learn, TensorFlow, FastAPI, React
- Github:** <https://github.com/ahadbuilds/smartminer-ai>

CardioPulse AI — Data Analysis & Dashboarding Project

- Processed and analyzed 918 clinical records using Python, Pandas, and Scikit-Learn
- Built a machine learning classification model achieving approximately 92% accuracy and 0.96 ROC-AUC
- Improved model performance by 18% through Random Forest hyperparameter optimization
- Performed data cleaning, preprocessing, feature engineering, and exploratory data analysis
- Applied Chi-Square feature selection to improve model efficiency
- Developed an interactive Power BI dashboard for clinical risk analysis and prediction visualization
- Tech Stack:** Python, Pandas, NumPy, Scikit-learn, Power BI
- Github:** <https://github.com/ahadbuilds/CardioPulse-AI>

WORK EXPERIENCE

Web Developer (Freelance) | Athleimax

2024 - Present

- Developed and maintained responsive web applications for B2B clients
- Designed structured product data systems using JSON and Python for 50+ SKUs
- Improved application performance and optimization, increasing Google Lighthouse score from 60 to 94
- Built reusable and maintainable frontend components, reducing code duplication by ~35%
- Collaborated on data-driven workflows and product management systems
- Developed scalable front-end solutions for sportswear business workflows and product management.

EDUCATION

Bachelor of Science in Computer Science

Sep 2023 – May 2027 (Expected)

University of Engineering & Technology (UET), Lahore

CERTIFICATIONS

Generative AI Application Developer	— Pak Angels / ULEFUSA	(2025)
Google Advanced Data Analytics	— Google (via Coursera)	(2025)
Google Business Intelligence	— Google (via Coursera)	(2025)