

MUHAMMAD ALI MUGHAL

AI/ML Engineer

Experienced Data Scientist with a robust background in machine learning, data analysis, and deployment of AI models. Proven ability to develop and train clustering models for data classification and visualization. Skilled in developing AI-based carbon emission calculators and deploying solutions on Cloud platforms. Proficient in designing interactive sales dashboards using Power BI and executing data preprocessing tasks with Pandas. Experienced in web scraping with Apify and data integration with Airtable via Zapier. Adept at training models for object detection and image annotation. Author of a comprehensive guide on deploying machine learning models on Microsoft Azure.



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WORK EXPERIENCE

Machine Learning Engineer AugAI

02/2024 - Present

Lahore, Pakistan

Achievements/Tasks

- Developed an AI-based carbon emission calculator using XGBoost, integrated it into Yinn.ca, and deployed it on DigitalOcean with version control via GitLab.
- Deployment of a model for classifying baked and unbaked items on Microsoft Azure.
- Authored a comprehensive guide on deploying machine learning models on Microsoft Azure
- Executed web scraping tasks for lead generation

Apify Developer Codeautomation.ai

03/2024 - Present

Achievements/Tasks

- As a web scraper and Apify developer, I utilize Apify actors to extract data from multiple websites and subsequently store the results in Airtable through Zapier integration.

Jr Machine Learning Engineer AI Data House

06/2023 - 11/2023

ISLAMABAD, Pakistan /
Remotely

Achievements/Tasks

- Developed and trained a K-Means clustering model for data classification, generating a 3D scatter plot for visualization.
- Designed an interactive sales dashboard with Power BI and executed data preprocessing tasks using Pandas.

AI Trainee NCAI LAB UET

07/2022 - 03/2023

Lahore, Pakistan

Achievements/Tasks

- Contributed to detecting and classifying Labor equipment and developed data annotation skills

IT Troubleshooter Education institute

03/2017 - 08/2024

My responsibilities include finding and removing bugs, software installation, Windows installation, printer checking

SKILLS

Programming Languages: Python, C/C++

Web Technologies : HTML, CSS, JS, Bootstrap

Cloud: Digital Ocean, Azure, AWS

GIT & GitLab

AI: Clustering, Ensemble Learning, Model training,

LLMs, Chatbot Development, NLP

Web Scraping

Databases: SQL, MySQL

Tool: Power BI, Apify

Time Management

Good Communication skills

EDUCATION

Master of Science in Information Technology
(09/2020 - 07/2022)

- University of Education ,Lahore 3.23 CGPA

ACHIEVEMENTS

Turing Test

Achieved a high score in the Python & ML proficiency test administered by Turing Company, demonstrating robust programming skills and expertise in Python.

Huawei Certification Test

Earned certification in Huawei Cloud Computing and AI, affirming proficiency in cloud technologies and artificial intelligence

LANGUAGES

ENGLISH

Professional Working Proficiency

URDU

Native or Bilingual Proficiency