Taqi Haider

✉ taqihaider592@gmail.com   in Taqi-Haider
🌐 http://taqihaider7.github.io/

Education

Sept/2024 – Continue   🔖 **MS Artificial Intelligence & Big Data Analytics**   Novosibirsk State University, Russia
Thesis Title: *Medical Dataset Name Extraction from Scientific Articles*
GPA: 4.9/5.0

Dec/2016 – Dec/2020   🔖 **B.E Electrical Engineering**   Quaid-e-Awam University of Engineering, Science, and Technology, Pakistan
Thesis Title: *A Comparative Study on PWM Techniques of an AC Voltage Controller in Terms of Harmonic Content*
CGPA: 3.65/4.0

Research Interest

🔖 **Machine Learning**

🔖 **Natural Language Processing (Large Language Models)**

🔖 **Deep Learning**

🔖 **AI for Medical**

Research Publications

2026   🔖 Dania B., **Taqi Haider**, Malik A., Aisha K., Jackie L., "Artificial Intelligence for Plant Disease Detection: A Systematic Literature Review of Conventional and Advanced Methods,"
Submitted to *MDPI*, 2026

🔖 Waqar Younas, **Taqi Haider**. "Detecting False Data Injection Attacks on Smart Grids Using Machine Learning"
Submitted to *IEEE Access*, 2026

🔖 Abdul Raheem, **Taqi Haider**. "Machine Learning based Leukemia Cancer Prediction System using Protein Sequential Data"
Submitted to *Artificial Intelligence for Life Sciences*, 2026

2023   🔖 Ishrat Fatima, **Taqi Haider**. "Public Procurement Recommendation System for Italian Contracts"
Work in Progress

🔖 Sergio Cannata, **Taqi Haider**, "Rice Leaf Disease Detection using Vision Transformers"
Work in Progress

Projects

2025   🔖 **Flight Delay Predictor: Flight Delay Prediction for S7 Airlines**   Hackathon Project (Finalist)
Developed a flight delay forecast system for S7 Airlines and its customers to forecast the flight delay based on comprehensive meteorological, flight, and airport data taken from Kaggle.

2023   🔖 **Ask Quran: LLM-Powered App for asking questions in Quran**   Hackathon Project (1st Place)
Developed a Multilingual ChatGPT-like Chatbot for Question Answering from the Holy Quran using Cohere's Multilingual Embedding LLM and OpenAI's Text-Davinci Model.

Projects (continued)

Chatty Panda: AI brand Intelligence ChatBot   Hackathon Project
Developed Chatty Panda Chabot to assist users with all business policies and customer service-related queries, with a frontend like ChatGPT using OpenAI's 3.5 Turbo LLM and Streamlit for deployment on the cloud.

2022   **Real-time Tweets Sentiment Analysis Web-application**   Hackathon Project (1st Place)
Developed a web application using Machine Learning models for real-time tweet sentiment Analysis and provided insights into the tone of tweets (positive, negative, and neutral sentiment) on the web app.

2022 **Kaggle Machine Learning & Data Science Survey** Data Science Competition Project Analyzed the Kaggle Machine Learning & Data Science survey data about gender equality in tech in the context of UN's Sustainable Development Goal 5 and got insights for policy formation.

Working Experience

10/2022 – Present   **Data Science Instructor** Skills Camp.
- Creates content in the form of videos for the Skills Camp YouTube channel.
- Teaching students about web scraping and machine Learning on the Online meeting platform.
- Delivered lectures as a Keynote speaker at various workshops organized all over Pakistani universities.

5/2019 – 6/2019   **Trainee Engineer** IESCO Islamabad.
- Learned equipment operations by following the manufacturer's instructions and established procedures.
- Designed single line diagram of 132kV Rawal grid station and its implementation.
- Protection and maintenance of electrical equipment and transmission lines.

Skills

Languages	Strong reading, writing, and speaking competencies in English, Urdu, Sindhi, and Punjabi.
Coding	Python, R, TensorFlow, PyTorch, SQL, LaTeX, Linux,
Databases	MySQL, Vector Databases like Pinecone, Chroma, Qdrant, etc.
Cloud Computing	AWS, GCP, Azure.
Data Analysis/ Machine Learning	Academic Research, Data Analysis, Machine Learning, Deep Learning, Natural Language Processing, and Computer Vision.

Professional & Academic Experience

Academic & Volunteer Activities

2023   **Data Science and Machine Learning Instructor, Content Creator** at Skills Camp YouTube Channel.

Speaker at Data & Delight: Pie & AI Interactive Analytics workshop organized by DeepLearning.AI

2022   **Data Science for Agriculture Keynote Speaker** at University of Agriculture, Faisalabad.

2020   **Director Simulation Projects**, PLUGIN-Project Expo, QUEST Nawabshah.

Awards & Achievements

2023   **Got 1st Position in Cohere Hackathon** organized by lablab.ai

1000 Contribution Points to Aya Open Science Multilingual Large Language Model Project by Cohere for AI

Participated and Submitted solutions in OpenAI Hackathon organized by lablab.ai

Professional & Academic Experience (continued)

2022   **Won a Prize in Datadanics-1 Datathon** organized by Codanics.

Got Silver Medal in a Data Science competition organized by Kaggle

2019   **Got a Laptop under Prime Minister's Laptop Scheme**

MOOCs & Certifications

2023   **Machine Learning Specialization** by Deeplearning.AI, Stanford University

2022   **Data Science with Python** by Codanics

Data Analysis with Python by IBM

References

Dr. Maryam Asim
Lecturer
Department of Statistics, Quaid-i-Azam University, Islamabad, Pakistan,
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Dr. Evgeniy Pavlovskiy
Associate Professor
Faculty of Mechnaics & Mathematics, Novosibirsk State University, Russia
Email: e.pavlovskiy@g.nsu.ru