



Taqi Haider

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in [Taqi-Haider](#)

🌐 <http://taqihaiders7.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., "From Fields to Algorithms: A Comprehensive Review of AI and Deep Learning Techniques for Plant Disease Detection"
Submitted to *Computer Science Reviews*, 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)

- 2022  **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.

Employment History





- 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 Datademics-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

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Dr. Evgeniy Pavlovskiy

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