

MUHAMMAD EATISAM SADIQ

Data Scientist | Machine Learning Engineer

Islamabad, Pakistan | +92 317 5575490 | eatisamsadiq010@gmail.com

linkedin.com/in/eatizam-sadiq-b7a51722b | github.com/Ch-mes

Professional Summary

Detail-oriented and analytical **Data Scientist** with hands-on experience in developing machine learning models, performing data analysis, and deploying intelligent systems. Skilled in Python, data preprocessing, model training, and statistical analysis using modern data science libraries. Proven ability to extract insights from large datasets, build predictive models, and deploy AI-based systems such as recommendation engines and sentiment analysis platforms.

Technical Skills

- **Languages**
Python, SQL, C++, HTML/CSS
- **Libraries**
Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Matplotlib, Seaborn, NLTK, OpenCV
- **Tools/Frameworks**
Flask, Bootstrap, React (Beginner), Flutter (Beginner)
- **Databases**
MySQL, SQL Server, Oracle
- **Other Skills**
Data Preprocessing, Feature Engineering, Model Training, LLM Fine-Tuning, Data Visualization, AI Product Development

Final Year Project

Advanced AI-Based Mental Health Chatbot

Jan 2025 – Oct 2025

- Designed and implemented a mental health support chatbot using a fine-tuned Large Language Model (LLM).
- Curated and annotated a domain-specific dataset to improve the chatbot's emotional intelligence and sensitivity.
- Applied advanced NLP techniques including intent recognition, named entity recognition, and sentiment analysis.
- Deployed the model using Flask with a secure and privacy-conscious backend infrastructure.
- Evaluated chatbot performance through user feedback and fine-tuned model responses for increased empathy.

Academic Projects

AI-Based E-Commerce Product Recommender

Sep 2024 – Dec 2024

- Developed recommendation models using Scikit-learn and TensorFlow.
- Deployed the system to the cloud for real-time accessibility and scalability.

Sentiment Analysis on Food Reviews

Feb 2025 – May 2025

- Built a Flask app to classify sentiments in 9000+ reviews using ML models (LogReg, SVM, NB).
- Used TF-IDF and text vectorization for high-accuracy sentiment classification.

Payroll Management System

Feb 2025 – May 2025

- Built a role-based Flask application for HR with salary calculation, backup, and database triggers.
- Applied database concepts like stored procedures, indexing, and isolation levels.

Professional Experience

Data Intern

Jul 2024 – Oct 2024

Pakistan Bureau of Statistics, Islamabad

- Cleaned, processed, and analyzed national datasets using SQL and Python (Pandas, NumPy).
- Built automated data pipelines for generating statistical reports and dashboards.
- Created SQL queries and visualizations to support government data initiatives.
- Collaborated with analysts to maintain data integrity and deliver accurate insights.

Education

Bachelor of Science in Information Technology

Mar 2022 – Feb 2026

Bahria University, Islamabad

CGPA: 3.2 / 4.0

Higher Secondary School Certificate (Pre-Engineering)

Jul 2018 – Aug 2020

APS&C, Rawalpindi

Federal Board