Rihaz Raheem

Alappuzha, Kerala, India | +918547570698 | rihasraheem@gmail.com| GitHub| LinkedIn

Results-driven data professional with 4+ years of experience in analytics, data science, and machine learning. Skilled in Python, machine learning, and Excel dashboards, with expertise in predictive modeling, data cleaning, and visualization using Pandas, Scikit-learn, and TensorFlow. Adept at translating complex datasets into actionable insights.

KEY SKILLS

Programming & Machine Learning: Matplotlib, NumPy, Pandas, Python, Scikit-learn, Seaborn, TensorFlow, Flask, OpenCV
Analytical Skills: Advanced Excel, Assessment & Evaluation, Data Cleaning, EDA (Exploratory Data Analysis), Model Evaluation, Problem Solving
Other Skills: Basic HTML & CSS, Basic SQL, Google Colab, MS Office
Interpersonal Skills: Collaboration, Communication, Mentoring

WORK EXPERIENCE

Scipy Technologies • Remote • 05/2025 - Present

Data Scientist

- Designed, trained, and optimized Artificial Neural Networks (ANNs) using TensorFlow and Keras for classification and emotion detection, achieving high model accuracy.

- Developed and deployed machine learning models using Python, Scikit-learn, and TensorFlow to solve real-world prediction and classification problems.

- Contributed to a client project involving real-time person detection and tracking, collaborating on model development and testing.

- Performed extensive Exploratory Data Analysis (EDA) and created data visualizations with Pandas, NumPy, and Matplotlib to derive actionable insights from raw datasets.

- Developed basic Flask applications for model integration and gained familiarity with SQLAlchemy for managing structured datasets.

- Implemented machine learning algorithms (KNN, CNN, Naive Bayes) for classification, clustering, and regression tasks.

District Industries Centre • Alappuzha • 04/2022 - 03/2025

Enterprise Development Executive

- Led enterprise development initiatives and conducted data-driven project evaluations that influenced funding and other decisions.

- Designed Excel dashboards and reports for performance tracking, budgeting, and strategy optimization.

- Achieved 100% target fulfillment across multiple development schemes through data-driven planning.

- Delivered training sessions on financial literacy and data-backed decision-making for entrepreneurs.

SMEG Edulabs • 10/2020 - 03/2022

Assistant Manager

- Resolved student and parent concerns efficiently via email, phone, and in-person communication, boosting satisfaction and contributing to improved student retention and engagement rates.

- Utilized Excel for tracking academic performance, conducting detailed student assessments, and generating progress reports; identified learning gaps and implemented targeted interventions to improve outcomes.

- Streamlined administrative workflows using Excel and data-driven insights

EduBridge India • 01/2020 - 06/2020

Trainer

- Trained 100+ students in data analysis and Excel-based numerical reasoning

- Delivered hands-on sessions using VLOOKUP, PivotTables, and conditional formulas.

- Enhanced trainees' logical reasoning and employability through data-focused learning modules.

EDUCATION

Master's in Signal Processing
Government Engineering College Barton Hill, Thiruvananthapuram (2017 – 2019)

Bachelor's in Electronics and Communication Engineering
College of Engineering and Management Punnapra, Alappuzha (2013 – 2017)

PROJECTS

SMS Spam Detection: Implemented a text classification model using TF-IDF and Naive Bayes achieving 95% accuracy in spam message detection.

Credit Card Fraud Detection: Built an anomaly detection system with KNN in Python (Scikit-learn) to identify fraudulent transactions and reduce false positives.

Age & Gender Detection: Trained CNN with TensorFlow & Keras for facial attribute recognition, improving classification accuracy on real-world datasets.

AI-Based Person Detection, Tracking & ID Tagging: Developed a real-time computer vision system for multi-person detection and tracking using YOLOv8 and DeepSORT.

CERTIFICATIONS

- PG Certificate in Entrepreneurship: Small Business Management – Digital University Kerala
- Business Analytics with Excel – Simplilearn
- Data Science and real-time project training on Learn to Build a Real Time Application for Emotional Detector– Null Class
- HTML5 & CSS3 – Pirple

LANGUAGE

- English (Excellent)
- Malayalam (Mother Tongue)