Nikhil Krishna R D

Coimbatore, Tamil Nadu | 8825895654 | rdnikhilkrishna2004@gmail.com | LinkedIn | Github | Portfolio

Data Analyst & Automation Engineer

Innovative and impact-driven **Data Analyst and Automation Engineer** with strong experience in automating workflows, building dashboards, and delivering actionable business insights across operational environments. Proficient in Python, Excel, and lightweight web frameworks, with a proven track record of improving efficiency by translating complex data into clear, data-driven solutions for diverse stakeholders.

WORK EXPERIENCE

CAI Mahindra   **Jul 2024 - Aug 2024**
Data Analyst Intern — Automotive Operations Analytics   *Coimbatore*
- Analyzed ETBR (Enquiry–Test Drive–Booking–Retail) sales funnel and built conversion models for dealership insights.
- Automated 15+ Excel reports for Sales & Telecalling teams, improving turnaround by 80%.
- Built a Flask-based reporting tool for real-time KPI access, enhancing cross-team visibility.
- Partnered with interns to create automated dashboards for customer engagement metrics.

EDUCATION

Rajagiri College of Social Sciences   **Jun 2025 - Mar 2027**
Master of Science, Computer Science (Data Analytics)
- **GPA:** 3.8/5.0

Kumaraguru College of Liberal Arts and Science   **Aug 2022 - Jun 2025**
Bachelor of Science, Data Science
- **GPA:** 9.022/10
- **Achievements:** University 3rd Rank, Champ of Data Science, Mahatma Gandhi Merit Scholarship (3 Times)

CERTIFICATIONS

- **Oracle Cloud Infrastructure 2025 – Certified Data Science Professional:** Oracle University
- **Applied Data Science with Python – Level 2:** IBM
- **Database Management Essentials (Honors):** University of Colorado (Coursera)
- **Prepare Data For Exploration:** Google (Coursera)

PROJECTS

High-Volume Data Processing Platform | https://github.com/rdnk2004/Mark-Splitting   **Feb 2025 - Mar 2025**
- Designed and deployed an automated data processing pipeline to clean and transform large, unstructured Excel datasets into analytics-ready outputs
- Processed **1,400+ records across multiple organizational units**, reducing processing time from **2+ hours to under 2 minutes**
- Delivered structured outputs optimized for downstream reporting and operational analysis

Workflow Automation & Reporting System | https://github.com/rdnk2004/College-Website   **Dec 2024 - Mar 2025**
- Built an end-to-end workflow automation system for structured report generation and operational analysis
- Automated repetitive documentation tasks, reducing turnaround time from **hours to seconds**
- Implemented dashboards and role-based access control for secure, multi-user operations

Document Generation Tool | https://github.com/rdnk2004/Report   **Feb 2025 - Apr 2025**
- Developed a dynamic form-based system for real-time document generation with standardized formatting
- Integrated automated DOCX generation, enabling non-technical users to independently create reports

Anomaly Detection (ML) | https://github.com/rdnk2004/Anomaly-Det   **Dec 2024 - Mar 2025**
- Built and fine-tuned a deep learning–based anomaly detection system using ResNet-50 for industrial datasets
- Achieved **87% accuracy** on bottle defects and **94% accuracy** on hazelnut defects
- Deployed a Flask-based web application for real-time inference and visualization

SKILLS

- **Data & Analytics**: Data Analysis, Data Mining, Workflow Automation, Reporting & Dashboards
- **Programming & Tools**: Python, Pandas, Numpy, Matplotlib, Excel Automation, SQL
- **Web & Automation Frameworks**: Django , Flask, Streamlit, Node.js, MongoDB, PostgreSQL
- **Applied Machine Learning**: Machine Learning, Anomaly Detection , Deep Learning (ResNet-50)