



IMAMMULARIF, S.Kom

Data Analyst & AI Enthusiast | SQL, Python, Machine Learning, Data Visualization

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📍 Jakarta, Indonesia (Ready to Relocate)

PROFESSIONAL SUMMARY

Data Analyst with hands-on experience in managing large-scale operational data, building SQL-based automation, and delivering business insights using BigQuery and Looker Studio.

Proven track record in improving data accuracy (>99%) and reducing processing time by 20% through data validation and workflow automation. Skilled in translating complex data into actionable insights to support business decision-making.

PROFESSIONAL EXPERIENCE

Junior Technical Support – PLN Icon Plus

Jakarta Selatan, Indonesia | Nov 2023 – Dec 2024

- **Data Validation & Query Optimization:** Improved data accuracy to >99% by implementing SQL-based validation processes, enabling faster and more reliable decision-making.
- **Process Automation:** Automated manual workflows using Excel Macros and optimized SQL queries, reducing processing time by 20% and increasing team efficiency.
- **Access Management & Migration:** Led data migration for 100+ users to FRAOnline utilizing Role-Based Access Control (RBAC), enhancing system security and access management.
- **Data Troubleshooting & SLA Management:** Resolved 400+ data-related issues with a >95% success rate in compliance with SLAs to ensure system stability and reliable reporting.

TECHNICAL SKILLS & EXPERTISE

- **Databases & Cloud:** PostgreSQL, MySQL, Oracle, Google Cloud Platform (GCP), Microsoft Fabric
- **Programming & Tools:** Python (Pandas, NumPy), BigQuery, Looker Studio, MLflow
- **Data Expertise:** ETL Pipelines, Data Validation, Data Cleaning, Predictive Modeling, Model Monitoring
- **Monitoring & Others:** Prometheus, Grafana, Microsoft Office Specialist (MOS)

PROJECT & COMMITTEE

- **Natural Image Classification using CNN:** Developed a CNN-based image classification model using TensorFlow/Keras to classify 8 categories of natural images with >85% validation accuracy and deployment-ready export formats (TFLite & TensorFlow.js).
- **Personal Data Analytics Portfolio:** Analyzed 1000+ popular YouTube videos using SQL & Looker Studio to identify engagement trends and generate actionable content insights.
- **Thesis Project:** Implemented Smart Facial Attendance System using Local Binary Patterns Histogram (LBPH) for automated facial recognition and attendance tracking with high accuracy.
- **Community Service:** Introduced Digital Marketing to promote entrepreneurial mindset and tourism awareness in Grogol Tourism Village.

CERTIFICATIONS

- **HackerRank** – SQL (Advanced)
- **Dicoding Indonesia (IBM SkillsBuild)** – Introduction to Artificial Intelligence, Generative AI, AI Ethics (2026) & Fundamentals of Deep Learning
- **Dicoding Indonesia (Google Cloud)** – Data Analytics & Cloud (BigQuery, Data Warehouse, Gemini)
- **Dicoding Indonesia (Microsoft Elevate)** – Data Science with Microsoft Fabric, Generative AI with Azure, Fundamental Generative AI, Data Processing Fundamentals & Building Machine Learning Systems
- **Dicoding Indonesia (DBS Foundation)** – AI, Python & Machine Learning (Basic)
- **Microsoft Office Specialist (MOS)** – Word 2019

EDUCATION

Universitas Teknologi Yogyakarta – Bachelor of Informatics

Sleman, Yogyakarta | 2019 – 2023 | GPA: 3.14 / 4.00

LANGUAGES

- **Bahasa Indonesia:** Fluent
- **English:** Intermediate (Speaking, Writing, Reading)