

Muhammad Ali Akbar Al-Qahri

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Summary

Results-driven Data Science graduate with proven track record in delivering business value through data analytics and AI-powered automation. Successfully analyzed Rp1.16B revenue streams, improved operational efficiency by 40% at Bank Indonesia, and developed 7+ production-ready applications including AI bots and BI dashboards. Combines strong technical expertise (Python, SQL, Power BI) with innovative problem-solving, having automated 75% of manual processes through intelligent solutions. Seeking to leverage analytical skills and hands-on experience to drive data-driven decision making as a Data Analyst.

Education

Bachelor of Science in Data Science — GPA: 3.74/4.00 Aug 2021 – Feb 2025
Telkom University Bandung

Professional Experience

Data Analyst Intern Jul 2024 – Oct 2024
Bank Indonesia – South Sulawesi Representative Office Makassar

- Delivered 8 strategic dashboards achieving 85% stakeholder satisfaction, directly influencing C-level decisions
- Reduced reporting time by 40% through Power BI automation across 5 regional branches

Database Engineer (Freelance) Jun 2025 – Aug 2025
Garda Abdi Negara Remote

- Developed AI-powered solution using Google Gemini API achieving 92% accuracy in text processing
- Automated conversion of 10K+ test questions serving 200+ users, reducing processing time by 75%

Data Science Teaching Assistant Feb 2024 – Jun 2025
Telkom University Bandung

- Improved student performance by 30% through Python and SQL workshops; evaluated 500+ assignments

Key Projects

Beauty Products BI Dashboard | *Power BI, SQL* 2024

- Analyzed Rp1.16B revenue across 69 cities, revealing 66.25% offline channel dominance for 35K+ units sold

Customer Segmentation Dashboard | *Streamlit, K-Means, DBSCAN, PCA* 2024

- Built interactive ML dashboard analyzing 540K+ transactions with RFM analysis and 3 clustering algorithms

AI Finance Management Bot | *Python, Telegram API, Gemini AI* 2025

- Automated personal finance tracking processing 500+ monthly transactions with AI categorization and insights

Food Security Forecasting (ML Research) | *Random Forest, XGBoost* 2025

- Achieved 85.1% R^2 accuracy forecasting for 34 provinces, identifying 29.1% high-risk areas

Stock Classification (Award-Winning) | *SVM, Random Forest* 2025

- Published Scopus paper with 89% accuracy; Best Paper Award at ICoDSA 2025 — [DOI](#)

Technical Skills

Data Analysis: Python (pandas, numpy, scikit-learn) | SQL | Power BI | Looker Studio | Tableau | Excel

Machine Learning: Random Forest | XGBoost | SVM | Time Series | Feature Engineering

AI & Automation: Telegram Bot Development | API Integration | NLP | Google Gemini AI

Business Skills: KPI Dashboards | Financial Analytics | Stakeholder Management | Strategic Thinking

Certifications & Honors

- Data Analysis Fullstack Bootcamp (Top 3 Best Project) - MySkill, 2025
- Patent Holder - Educational Software, Patent No. 000639441
- Chairman, Data Science Student Representative Board (50+ members)