Muhammad Ali Akbar Al-Qahri
Data Analyst

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Summary

Results-driven Data Science graduate with expertise in transforming raw, complex datasets into interactive Power BI dashboards and strategic narratives. Proven track record in developing end-to-end data pipelines and automating manual business processes using Python and AI solutions. Experienced in conducting in-depth financial analysis and building production-ready applications to streamline operations. Seeking to leverage strong technical skills in SQL and data storytelling to drive data-driven decision-making.

Education

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

Professional Experience

Data Analyst — Nov 2025 – Present
PT Cerebrum Edukanesia Nusantara — *Bandung*

- End-to-end data management: Extracted and processed raw data from MySQL databases to ensure data integrity and readiness for analysis.
- Performed complex data transformation and cleaning to prepare datasets for reporting.
- Designed and visualized key performance metrics using Power BI, creating interactive dashboards to support strategic decision-making.

Database Engineer (Freelance) — Jun 2025 – Nov 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

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

Key Projects

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

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

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)

- Data Science Fundamental - MySkill, 2025

- Time Series Analysis - MySkill, 2025

Languages

- Indonesia (Native)

- English (Professional)