Ardi Margiatna

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EXECUTIVE PROFILE

Senior Data Analyst with deep expertise in SQL, Python, and large-scale analytics, delivering automation, statistical insights, and data-driven solutions across fintech, banking, and consulting environments.

PROFESSIONAL SUMMARY

Senior Data Analyst with 10+ years of experience in analytical modeling, SQL optimization, Python automation, dashboard engineering, KPI development, and end-to-end data lifecycle management. Skilled in transforming raw, complex datasets into actionable insights that guide business strategy. Strong background in MySQL, SQL Server, Python, Metabase, Power BI, Hadoop, and Spark. Proven ability to partner with cross-functional teams to build scalable, reliable, and insight-driven analytical systems. Open to global relocation.

CAREER HIGHLIGHTS

• Built analytics automation systems relied on daily by leadership and operational teams.
• Developed multi-source data pipelines integrating MySQL, SQL Server, MongoDB, Hadoop, and Spark.
• Designed KPI frameworks and dashboards supporting revenue forecasting and user behavior analysis.
• Delivered end-to-end automation that significantly reduced manual reporting workloads.
• Adept at turning ambiguous business challenges into structured, data-driven insights.

KEY ACHIEVEMENTS

• Automated invoice monitoring system ensuring 100% collection accuracy using SQL + Python + Google Script.
• Boosted data acquisition speed by 85% through custom Python-based web crawlers.
• Increased reporting efficiency by 80% by automating data pipelines via Python, Pentaho, and VBA.
• Consolidated four heterogeneous databases into a unified SQL Server data warehouse.
• Reduced dashboard refresh times through SQL indexing, query tuning, and schema optimization.

TECHNICAL SKILLS

Programming & Data: Python, SQL (MySQL, SQL Server), Spark, Hadoop, MongoDB
ETL & Data Engineering: SSIS, Pentaho, data warehouse modeling
BI & Visualization: Power BI, Tableau, Looker Studio, Metabase
Analytics: KPI design, A/B testing, cohort analysis, statistical analysis
Automation: Google Apps Script, VBA, Python scripting
Other: API integrations, Git, Excel (advanced), Google Workspace

PROFESSIONAL EXPERIENCE

PT Trusting Social Indonesia — Senior Data Analyst / Data Scientist
August 2018 – Present | Jakarta, Indonesia

- Built and maintained revenue, performance, and operational dashboards using MySQL, Metabase, and Python.
- Designed SQL-based forecasting frameworks improving accuracy of business projections.
- Conducted large-scale behavioral analysis using Hadoop and Spark to drive product and marketing strategies.
- Built automated invoice monitoring workflows ensuring 100% billing completeness and collections.
- Developed a Python-based web crawler that increased data-gathering speed by 85%.
- Collaborated with engineering teams to enhance table structures, data quality, and analytic readiness.

GRESIT (Norway, Remote) — Business Intelligence Consultant
March 2017 – August 2018

- Built enterprise data warehouse integrating SQL Server, MySQL, and unstructured MongoDB data.
- Developed SSIS-based ETL pipelines for daily incremental loads and structured ingestion.
- Engineered Pentaho ETL workflows to extract high-volume data for analytical deep dives.
- Designed and deployed Sisense dashboards (Elasticube) for visualization and executive reporting.
- Improved query performance and reliability through schema restructuring and modeling enhancements.

Bank Negara Indonesia (BNI) — Manager, MIS & Automation
June 2011 – February 2017 | Jakarta, Indonesia

- Led a team of 4–5 analysts producing enterprise MIS reports and dashboards for senior leadership.
- Built automated reporting systems using Python, Pentaho, and VBA, boosting efficiency by 80%.
- Developed custom PHP + MySQL applications for automated document and report workflows.
- Delivered analytical insights supporting strategy across consumer banking and marketing divisions.
- Designed ETL pipelines for large-scale operational and transactional banking data.

Astra Graphia IT — SAP BW CRM Support / ABAP Programmer
May 2010 – May 2011 | Jakarta, Indonesia

- Developed ABAP programs enabling secure XML-RPC integrations.
- Resolved critical SAP dataflow and reporting issues ensuring smooth business operations within SAP CRM and BW modules
- Supported SAP reporting consistency, data validation, and data quality processes.

LEADERSHIP EXPERIENCE

- Led MIS/Analytics team at BNI (4–5 analysts).
- Mentored junior data analysts in SQL, dashboarding, and automation.
- Served as internal instructor for Excel and VBA across multiple banking units.

SELECTED PROJECTS

- Data Warehouse Integration (GRESIT): Consolidated four databases into a unified SQL Server DW.
- Forecasting Pipeline: Built preprocessing engine for R-based forecasting models.
- Employee Engagement Survey: Designed questionnaires, developed survey systems using PHP, generated insights from survey feedback.
- Financial Modeling Training: Delivered Excel financial modeling curriculum for corporate clients.

EDUCATION

Telkom University — Bandung, Indonesia
Bachelor of Engineering (Informatics Engineering)
August 2004 – October 2008
GPA: 3.63 / 4.00

CERTIFICATIONS & TRAINING

- Power BI Desktop
- Data Visualization & Storytelling
- Improving Data Quality for ML
- Statistics for Business Analytics (Excel)
- Business Analysis Fundamentals
- Generative AI (Google)