ABDURRAHIM RAMADHAN IDIN

Data Modeler | Advanced SQL & Data Visualization (BigQuery, Metabase)

📍 South Jakarta, Indonesia
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Data professional specializing in advanced SQL querying (CTEs, window functions, complex joins), Data Visualization using Metabase, and automated reconciliation pipelines using Google BigQuery. Focused on transactional, settlement, and statement data environments for B2B and fintech operations.

PROFESSIONAL EXPERIENCE

Data Modeler | Match Made (Fintech Reconciliation SaaS) — Jakarta, Indonesia   *Apr 2025 – Present*

- Built an end-to-end automated reconciliation pipeline in Google BigQuery using advanced SQL (CTEs, window functions, complex joins), reducing manual reconciliation effort by ~60% for B2B clients.
- Designed and deployed interactive Metabase dashboards to visualize reconciliation results, transaction discrepancies, and settlement status across multiple payment channels, enabling real-time monitoring for finance and operations teams.
- Reconciled transaction, settlement, and bank statement data across POS systems, payment switchers (Artajasa, Alto), payment gateways (Xendit), and corporate banks (BCA, BRI, BNI).
- Developed a reconciliation pipeline for retail clients (Pizza Hut), matching transaction-to-statement data to shorten reconciliation cycles from days to hours.
- Implemented SQL-based data validation logic for fintech clients (Bank Neo Commerce) to detect inconsistencies between core banking systems and payment switcher records.
- Optimized complex BigQuery queries to support high-volume daily transaction processing with consistent data accuracy.

Machine Learning Engineer | Braincore — Jakarta, Indonesia   *Aug 2024 – Nov 2024*

- Developed a computer vision liveness detection model, optimized and deployed using TensorFlow Lite (TFLite) for on-device mobile inference.
- Built a structured data preprocessing pipeline to clean and standardize large-scale image datasets, improving model training stability.

EDUCATION

Bachelor of Computer Science
IPB University — Bogor, Indonesia | 2021 – 2025
GPA: 3.19 / 4.00

- **Relevant Coursework:** Database Systems, Data Mining, Statistics and Data Analysis, Algorithm Analysis, Artificial Intelligence, Digital Image Processing.

SKILLS

- Advanced SQL (Google BigQuery)
- CTEs, Window Functions, Complex Joins
- Query Optimization & Performance Tuning
- BI & Reporting
- Metabase for data visualization

CERTIFICATIONS

- SQL (Advanced) — HackerRank
- Problem Solving (Intermediate) — HackerRank
- Python (Programming Language) — HackerRank