Nur Adhyaksa Hamid

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An award-winning data visualization specialist with a proven track record of handling hundreds of millions of records. Proficient in SQL development (BigQuery, PostgreSQL) and MQuery. Experienced in creating advanced data visualizations in Power BI, Tableau, and D3.js.

WORK EXPERIENCES

KoboToolbox
Data Visualization Specialist
Massachusetts, US (Remote from West Java, ID)
Apr 2025 - present

- Engineered a robust automated data pipeline utilizing Microsoft Fabric and Power BI, establishing a seamless refresh mechanism to ensure data reliability and availability

- Translated complex multi-sectoral indicators into comprehensive dashboard frameworks, utilizing advanced DAX measures to drive dynamic interactivity and support partner decision-making

- Collaborated with the Head of Research and the development team to build and embed secure, interactive dashboards (link), ensuring strict protection of sensitive data. Enforced accessibility standards through high-contrast design, bilingual support (English/Spanish), and optimized chart selection

Ministry of Health Indonesia, Digital Transformation Office
Business Intelligence Analyst
Jakarta, ID (Hybrid)
Mar 2023 - Mar 2025

- Managed Non-Communicable Disease screening records, comprising 80+ million screening transactions from 60+ million participants in 2023

- Built a single source of truth table involving complex data modeling using table denormalization, partition, pivot, qualify, regex and temporal modeling. Consolidated two previously siloed systems into a unified data source

- Enhanced the effectiveness of the data source model used in the immunization dashboard. Reduced data extraction time by 50% (cutting processing time by 55 minutes)

- Built 12 strategic dashboards, including the Non-Communicable Disease Screening Analysis Dashboard (peak viewership of 17,000+ daily views) and the National COVID-19 Vaccination Overview Dashboard (link)

EDUCATION

Universitas Gadjah Mada
Department of Electrical Engineering and Information Technology
Bachelor of Engineering
Aug 2015 – Dec 2019

NOTABLE PROJECTS

Paying the Heaviest of the Carbon Debt Never Incurred (link)
Sep 2025
A competitive interactive visualization essay, built on a Svelte web application using D3.js, highlighting the disproportionate climate risk faced by Pacific Island nations that contribute minimal global emissions. This project won the Pacific DataViz Challenge 2025, a global data visualization competition (link)

#VizForSocialGood - Video Volunteers (link)
Mar – May 2023
Collaborated with Video Volunteers to visualize critical social issues in India, presented through a storytelling approach. Achieved the highest recognition within the #VizForSocialGood project (link), voted as Tableau Viz of The Day (VOTD), and displayed in the Tableau Public Viz Gallery during Tableau Conference 2024 (link)

West Java Through the Lens of SDG 4: Quality Education (link)
Oct 2022
A competitive infographic project, showcasing the achievements of West Java in reaching SDG 4: quality education. This infographic won 3rd place at the West Java Data Viz Festival, the biggest data visualization competition in Indonesia

CERTIFICATIONS AND AWARDS

Winner of interactive category Pacific Dataviz Challenge 2025 by The Pacific Community (link)
Sep 2025

Data Analyst Professional by DataCamp (link)
Dec 2022

3rd Place in the public category of Jabar Data Viz Competition 2022 by Jabar Digital Service (link)
Oct 2022

SELECTED SKILLS

Data Analysis; Data Visualization; Design Thinking; Reporting; Statistical Analysis; SQL; Python; R; Spreadsheet; D3.js; Svelte.js; Power BI; Tableau; Looker; Figma; Figma2HTML; Adobe Illustrator; AI2HTML; Git; Jira; Confluence; Metabase