Galang Imanta

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Professional Summary

Data-driven professional with 4+ years of experience in data analytics, business intelligence, and data engineering across telecommunications, education technology, and government sectors. Proven expertise in building dashboards, automating ETL pipelines, and delivering actionable insights using PostgreSQL, MySQL, Python, BigQuery, Hadoop, Tableau, and Looker Studio. Strong collaborator and team leader, adept at managing analyst teams, ensuring data accuracy, and driving strategic decision-making. Passionate about continuous learning and applying emerging data technologies.

Education

Bachelor's Degree in Statistics – Universitas Islam Indonesia – Yogyakarta, Indonesia

GPA: 3.53 / 4.00 | Aug 2015 – Jul 2019

Professional Experience

Data Scientist – Ministry of Home Affairs, Pusdatin – Central Jakarta | *May 2025 – Present*

- Analyzed and visualized education & population datasets to identify out-of-school children by province.
- Managed and maintained PostgreSQL, Hadoop, and OpenSearch datasets (SIPD-Hub, SIPD, E-Database).
- Built ETL pipelines in Airflow integrating population, education, BPJS, and Kemenko PMK data.
- Documented DAG executions and data lineage.

Data Scientist – R&D Team – PT. Optimasi Data Indonesia – South Jakarta | *Jan 2025 – Apr 2025*

- Researched OpenSearch for visualization & machine learning applications.
- Developed big data workflows for the ONYX Big Data Platform.
- Evaluated emerging data technologies and methods.

Data Analyst – PT Mediatama Indo Teknologi – South Jakarta | *Jun 2024 – Dec 2024*

- Designed and deployed 8 audit dashboards, improving performance & validation accuracy.

- Defined key metrics and aggregated multi-source datasets.
- Led analyst team, managing workloads and deliverables.

Service & Customer Analytics Senior Specialist – Smartfren for Business – Central Jakarta | *Feb 2023 – May 2024*

- Produced daily, weekly, and monthly reports for revenue, churn, and after-sales KPIs.
- Built customer segmentation models to identify High Value Customers (HVCs).
- Automated ETL processes using PostgreSQL functions & Pentaho.
- Created business planning & revenue reports.

Business Intelligence Analyst – Ruangguru – South Jakarta | *Jan 2022 – Nov 2022*

- Developed ETL pipelines and data marts for multiple teams.
- Delivered dashboards & insights using BigQuery and Looker Studio.
- Monitored and validated operational data transactions.

Data Analyst – Niagahoster – Yogyakarta | *Feb 2020 – Jan 2022*

- Built performance dashboards using Metabase for the Retention Tribe.
- Automated product update reports with Python.
- Supported product monitoring and analytics.

Data Scientist Intern – Futuready – South Jakarta | *Oct 2019 – Jan 2020*

- Researched OLAP vs OLTP systems for reporting.
- Built customer behavior dashboards in Power BI.
- Consolidated multi-source data into AWS S3 using Lambda.

Skills

Languages & Tools: Python, R, SQL, PostgreSQL, MySQL, BigQuery, Hadoop, Tableau, Power BI, Metabase, Looker Studio, Excel

Data Expertise: Data Analysis, Data Visualization, ETL Development, Data Management, Statistical Analysis

Languages: Indonesian (Native), English (Professional)