

# Galang Imanta

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## Professional Summary

Data professional with 4+ years across telecommunications, edtech, and government, specializing in data analytics, business intelligence, and data engineering. I design dashboards, automate ETL/ELT pipelines, and deliver decision-ready insights using PostgreSQL, Python (Pandas), BigQuery, Airflow, Hadoop/Hive, OpenSearch, Tableau, and Looker Studio. A clear communicator and team lead, I build reliable data assets, ensure data accuracy, and drive strategic, data-informed decisions—while continuously learning and adopting new 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**

- Conducting an analysis process for the monitoring needs of the Asta Cita project, which is a direct program from the President of the Republic of Indonesia.
- Coordinate between institutions or ministries in Indonesia regarding the availability of data to meet data needs in the Ministry of Home Affairs' Pelita and in the SIPD Hub.
- 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.
- Conduct documentation related to recording data team activities including creating or updating DAGs in Airflow, dashboards and their sources, and list tables used by SIPD Hub for operational needs.

**Data Scientist – R&D Team – PT. Optimasi Data Indonesia – South Jakarta / Jan 2025 – May 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).
- Monitored product expirations to minimize churn.
- Automated ETL processes using PostgreSQL functions & Pentaho.
- Created business planning & revenue reports.
- Maintained revenue analytics data marts for reporting using Excel and Python.
- Responded and provide to ad hoc data needs for Finance and SECM.

**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.
- Generate insights for product evaluation, especially for Skill Academy.
- Create documentation for each of the data marts & for the dashboard.

**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.

## **Skills**

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

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

Languages: Indonesian (Native), English (Professional)