

JONATHAN SANTOSO

Analytics Engineer | Data Analyst

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2+ years building end-to-end data solutions across insurance and mining — specializing in dbt, cloud data warehousing, and BI reporting for executive and cross-functional stakeholders.

WORK EXPERIENCE

PT Sunday Insurance Indonesia | Jakarta, Indonesia

April 2024 – Present

Senior Data Analyst

- Built a dbt-based data warehouse from scratch, replacing manual Excel processes that took the business team 4–6 hours daily — reducing processing time to under 10 minutes per entity and enabling cross-functional access for underwriting, claims, and marketing teams.
- Automated monthly performance reporting across key insurance metrics — Gross Written Premium, Net Written Premium, ceded premium, and loss ratio — eliminating 4–6 hours of manual preparation per cycle.
- Developed Tableau dashboards used directly by the Board of Directors, covering loss ratio, net premium, and reinsurance performance across general and health insurance lines.
- Served as the primary data point of contact for the Board of Directors, delivering weekly portfolio reviews and ad-hoc analysis on active accounts and loss ratio performance.
- Modelled insurance data in dbt covering health plan utilization, general insurance performance (motor, engineering, marine cargo), and reinsurance metrics — replacing manual vlookup-based Excel workflows.
- Prepared and maintained accurate business performance data across key financial and operational metrics to support strategic decision-making.

PT Freeport Indonesia | Jakarta, Indonesia

Feb 2023 – Feb 2024

Business Intelligence Analyst

- Contributed to a legacy on-premise Teradata to Snowflake cloud migration, enhancing and building ETL pipelines to support scalable data infrastructure across mining operations.
- Built and maintained data mart layers using SAP BusinessObjects Universe, developing specialized reports monitoring equipment performance, crew efficiency, and operational KPIs for the underground mining (UOMS) division.
- Developed Power BI dashboards for the dewatering operations team, monitoring pump usage and performance metrics across mining operations.
- Participated in daily scrum ceremonies as part of the UOMS project, maintaining alignment on delivery timelines across cross-functional mining operations teams.

Binus Student Learning Community | Jakarta, Indonesia

Sep 2021 – Feb 2023

Scholarship Mentor

- Mentored Binus University students in Data Warehousing and Data Pipelines coursework, providing one-on-one academic support and practical guidance to improve understanding of core data concepts.

EDUCATION

Binus University

2020 – 2024

Bachelor of Information Systems | GPA: 3.89 / 4.0

Awards: Achievement Student Awards (Semester 1 & 3) • 2nd Place, PYFA Venture Competition • ASEAN Data Science Competition 2022

Binar Academy

Data Science Bootcamp

Feb 2024 – Mar 2024

PUBLICATION

Sentiment Analysis on Google Play Store User Reviews of Digital Bank Applications in Indonesia

Springer • March 2024

SKILLS

dbt, SQL, Snowflake, BigQuery, GCP, Tableau, Power BI, Metabase, Python, SAP BusinessObjects, SAP Data Services, Teradata, SQL Server, AWS Redshift, Docker, Prefect, Data Warehousing, Data Modelling

CERTIFICATIONS

Microsoft Certified: Power BI Data Analyst Associate • Microsoft Certified: Azure Data Fundamentals • Tableau Certified Data Analyst • Python Essentials 1 by Cisco • Foundations: Data, Data, Everywhere by Google