

Muhammad Syafiq Farhan Mohd Faridz

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SUMMARY

Analytics Engineer with hands-on experience transforming raw data into analytics-ready datasets that power dashboards, reporting, and decision-making. Strong background in SQL, Python, dbt, and BI tools, with a focus on data quality, reliable transformations, and close collaboration with business and analytics stakeholders.

EXPERIENCE

Analytics Engineer

OR Technologies Sdn Bhd

September 2025 - Present

- Designed and supported analytics workflows that transformed raw client data into structured datasets for Tableau reporting.
- Maintained and enhanced Alteryx-based transformation pipelines, ensuring consistency between source data and reporting outputs.
- Supported **Alteryx Server migration**, validating transformed datasets, schedules, and downstream reports post-migration.
- Investigated data quality and transformation issues, resolving discrepancies impacting business dashboards and KPIs.
- Collaborated with clients and internal stakeholders to refine data logic and align analytics outputs with business requirements.

Artificial Intelligence Researcher Intern

TM Research & Development

October 2024 - April 2025

- Built transformation logic to convert raw health and operational data into analytics-ready datasets.
- Performed exploratory data analysis to identify trends across demographics and time periods.
- Standardized data schemas to support both analytical reporting and API consumption.
- Worked cross-functionally with engineering teams to ensure analytics outputs were accurate and interpretable.

SKILLS

Analytics Engineering: Data modeling, transformations, analytics-ready tables

Languages: SQL, Python (Pandas, NumPy)

Transformation & Quality: dbt, data validation, schema standardization

Databases: PostgreSQL

BI & Visualization: Tableau, Streamlit, Plotly

ETL / Workflow Tools: Alteryx Designer & Server

Other: Git, Docker (basic), REST APIs, Excel

PROJECT

Sales & Use Tax Analytics

github.com/sofaquitegud/sales-use-tax-analytics

- Developed transformation workflows in Alteryx to calculate and aggregate sales and use tax metrics across jurisdictions.
- Produced analytics-ready tables powering Tableau dashboards for compliance and audit visibility.
- Reduced manual reporting effort by approximately **70%** through automated transformations.

Malaysia Economic Analytics Platform

github.com/sofaquitegud/economic-data-pipeline · January 2026 - Present

- Transformed raw economic data (GDP, CPI, labor force, exchange rates, population) into clean analytics layers using **dbt**.
- Modeled datasets following a **Bronze** → **Silver** → **Gold** approach to support consistent analytics consumption.
- Implemented data quality checks to validate schema consistency, completeness, and logical constraints.
- Built interactive dashboards to surface macroeconomic trends and indicators.

Staff Health Analytics

TM Research & Development · github.com/sofaquitegud/ehealth-analyser · January 2025 - April 2025

- Processed and transformed staff health datasets into snapshot and trend-based analytical outputs.
- Generated demographic and time-series analytics supporting organizational health monitoring.

EDUCATION

Bachelor of Computer Science (Honours), Data Science & Computational Intelligence

International Islamic University Malaysia · 2025