Desy Natasha Haloho

128 Waymouth Street, Adelaide, SA 5000   •   (+61) 448 816 985   •
desynatasha123@gmail.com   •   Homepage   •   LinkedIn

EDUCATION

Adelaide, Australia 2024 – Present	**The University of Adelaide** Master of Data Science. Expected graduation: August 2026.
Bandung, Indonesia 2018 – 2022	**Institut Teknologi Bandung** Bachelor of Science: Mathematics. GPA: 3.68/4.00 (**Cum Laude**)

EXPERIENCE

Jakarta, Indonesia Jul 2024 – Jul 2024	**PricewaterhouseCoopers Indonesia** *Data and Analytics Senior Associate*

- Led a team of 2 associates in data analysis and workflow development to assess financial data for an IT company. Concentrated on accrual transactions and applied techniques such as exploring unusual reporting mechanisms and general ledger reconciliation in Python and Alteryx.
- Designed and led a peer learning session for 30 members of the Data and Analytics team on Scala development, framework, and use cases, as well as GitHub deployment strategies and common pitfalls.
- Collaborated with managers to optimize the internal monitoring dashboard and develop a prototype for consolidation automation for potential client in Power BI.

Oct 2022 – Jun 2024 — *Data and Analytics Associate*

- Performed as project manager for the development and deployment of data pipeline automation for 10 products. Assessed project plans and timelines, led client daily meetings, tracked progress, designed progress reports, allocated resources, and monitored risks, successfully completing the project within 4 months.
- Developed and deployed an automated data pipeline using Scala and SQL to extract, aggregate, transform, reconcile, and report financial data for 12 products in a leading Indonesian unicorn. Expedited the financial report creation process for audits from 1 weeks to 3 hours.
- Developed an automated consolidation workflow for financial statements with over 30 disclosures for an IT company with 30 sub-entities using Excel VBA Macro.
- Designed an Alteryx workflow to combine multiple reports and build a Power BI dashboard to display the results for internal carbon emissions monitoring.
- Developed an internal prototype for credit risk analysis using a logistic regression model in Python.
- Mentored associates and interns on various client engagements, including teaching automation framework, developing automation model, designing dashboards, and drafting documentation.

Jakarta, Indonesia Aug 2022 – Dec 2022	**Bitlabs Academy** *Part-time Data Analyst Mentor*

- Taught data analysis in Python and BigQuery to 25 final-year bachelor's students and provided weekly consultation session with helpful feedbacks on hands-on assignments.
- Collaborated with a team of mentors and assistants to ensure consistency in delivering materials and assignments solutions to support student learning success.

Jakarta, Indonesia Jan 2022 – Jun 2022	**PT Telkom Indonesia Tbk** *Data Scientist Intern*

- Contributed in optimizing dashboard to visualize daily user activity and crash analytics.
- Performed sentiment analysis to classify application reviews with an 85% accuracy and created a dashboard to visualize the result for monitoring the application performance in Looker Studio.
- Created a tree classification model to classify product categories for internal prototyping using BigQuery ML.
- Contributed to compiling a 1-month curriculum materials on Python and SQL fundamentals as part of a collaborative project with a university.

Bandung, Indonesia May 2021 – Apr 2022	**Institut Teknologi Bandung** *Research Assistant*

- Assisted Dr. Ikha Magdalena, S.Si., M.Sc., in writing a paper and developing mathematical models to simulate dam-break waves and tidal bores in the Kampar River, West Sumatra.

VOLUNTEER

Adelaide, Australia Nov 2024 – Present	**The David Roche Foundation** *Front of House*

- Volunteered fortnightly, responsible for welcoming visitors, providing information on current exhibitions and events, assisting with ticketing and souvenir purchases, and supporting guides during house tours to ensure the preservation of house interiors and collections.

AWARDS & SKILLS

- Microsoft Certified: Azure Data Scientist Associate (2025)
- The Indonesia Endowment Fund for Education Agency Scholarship for a full tuition Master's program (2024)
- Python, Scala, SQL, R, Azure ML, VBA Macro, MATLAB, BigQuery, Alteryx, Power BI, GitHub, Excel
- English (professional working proficiency), Indonesia (native)