

HANSEL LIEBRATA

DATA ANALYST

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Recent Computer Science graduate specializing in data analytics with proven expertise in SQL, Power BI, Tableau, and Python. Experience transforming manual reports into dynamic dashboards that increased KPI visibility by 40%. Skilled at extracting actionable insights from complex datasets and communicating technical findings to non-technical stakeholders. Seeking to leverage analytical skills in a retail environment to support strategic decision-making across Supply Chain, Merchandising, Finance, and Marketing departments.

WORK EXPERIENCE

Data Analyst Intern - Sribu | [LINK](#)

Feb 2025 - May 2025

Jakarta, Indonesia

- Migrated manual reports to interactive Power BI dashboards, increasing visibility of key metrics by 40%
- Used SQL queries to extract and analyze transaction data, identifying performance drivers that resulted in 15% improvement
- Developed Python scripts and data pipelines that reduced reporting time by 60% while ensuring data accuracy
- Partnered with multiple departments to translate business requirements into effective data solutions
- Implemented rigorous validation protocols to ensure data reliability for business decision-making
- Applied statistical techniques to interpret trends and forecast outcomes for business planning

PROJECTS

AFL Team Analysis & Prediction Platform | [LINK](#)

July 2024 - July 2025

Monash University Capstone Project

- Cleaned and structured 20+ years of AFL match statistics for analysis
- Engineered data pipeline that processed match data with rigorous validation checks
- Developed interactive dashboard visualizing team performance metrics and forecasts
- Created statistical models with 76% forecasting accuracy using Python and SQL

Salary Disparities Visualization | [LINK](#)

March 2023 - April 2023

Data Visualization Project

- Designed comprehensive Tableau dashboard revealing compensation patterns across demographic factors
- Performed thorough data cleaning and validation to ensure analysis accuracy
- Identified 23% unexplained wage gap through statistical analysis of employment data
- Implemented interactive filtering capabilities to explore data across multiple dimensions

Covid-19 Social Behavior Analysis

April 2024 - May 2024

Data Analytics Project

- Cleaned and prepared 10,000+ survey responses, resolving inconsistencies and missing values
- Applied systematic validation techniques to ensure data quality
- Created data visualizations to analyze social interaction patterns and behavioral responses
- Developed statistical models to identify key behavioral predictors using R and Python

CERTIFICATIONS

Google Data Analytics Professional Certificate | [LINK](#)

July 2025

EDUCATION

Bachelor of Computer Science in Data Science,

Monash University

July 2021 - July 2025

Relevant Coursework:

Data Science & Analytics,
Databases, Algorithms & Data
Structure, Data Visualization,
Modelling for Data Analysis,
Business Intelligence & Data
Warehousing

SKILLS

Data Analysis & Visualization

- SQL (advanced query writing, data extraction)
- Power BI & Tableau (dashboard creation, reporting)
- Python (pandas, NumPy, data automation)
- Statistical analysis & forecasting

Data Management

- Data cleaning & validation
- ETL process development
- Database management (MySQL, PostgreSQL)
- Quality assurance & testing

Professional

- Cross-functional collaboration
- Technical communication to stakeholders
- Problem-solving & analytical thinking
- Attention to detail