

Mia Yang

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Junior Data Engineer | Data Platform & Analytics

Graduate-level data engineer with hands-on experience in building data pipelines, AI-powered analytics, and business intelligence tools. Proficient in Python, SQL, Snowflake, dbt, and Power BI. Passionate about scalable, well-documented, and reliable data solutions, with interest in distributed systems and Spark.

WORK EXPERIENCE

One New Zealand

Auckland, New Zealand

Data Engineer (*Internship extended to Part-Time Role*)

11/2024 - Present

- Built ELT pipelines in Snowflake using dbt, automating data transformations and improving pipeline efficiency.
- Created interactive Power BI dashboards integrating Snowflake datasets, providing actionable insights.
- Monitored and analysed warehouse usage and performance, optimizing cost and query efficiency.

Yes Energy

Christchurch, New Zealand

Data Scientist • Internship

06/2024 - 07/2024

- Improved prediction accuracy by experimenting with time-series models, including ARIMA and XGBoost, enhancing decision-making.
- Enhanced data processing speed by 30% through optimized data cleaning and feature engineering.
- Collaborated with a diverse team, ensuring timely project delivery and recognized for improving project outcomes.

Baxter Healthcare

Guangzhou, China

Finance Coordinator

04/2021 - 03/2023

- Developed visual expense reports using Power BI, improving financial efficiency by 25% and reducing errors by 30%.
- Ensured data accuracy and compliance by reviewing and analysing large-scale expense datasets.

PROJECTS

RAG-based Chatbot for Network Troubleshooting [\[GitHub\]](#)

03/2024 - 06/2024

- Developed a Retrieval-Augmented Generation (RAG) chatbot using OpenAI API, designed to answer network-related queries.
- Optimized prompt engineering and response generation, improving chatbot accuracy and relevance.
- Followed modular, reusable code practices and documented system flow and architecture clearly.

SKILLS

Languages & Tools: Python, SQL, Spark, Snowflake, dbt, Power BI, R, Git, Databricks

Data Engineering: ELT Pipelines, Data Modeling, Cost Optimization, Automation

Analytics: Machine Learning, Time Series Forecasting, Dashboard Development

Collaboration: Agile teams, Code Reviews, Documentation, Knowledge Sharing

CERTIFICATION

Snowflake SnowPro Core – Passed, 2024

EDUCATION

Master of Applied Data Science

University Of Canterbury

Christchurch, Canterbury, New Zealand • 02/2024 - 06/2025

Bachelor of Accounting

Nanchang University

China | 09/2016 – 06/2020

Available for full-time roles from June 2025 upon graduation.

REFEREEES (Available upon request)