

# Timotius Mogot

Data Engineer specialising in Data Operational, Quality, Governance and ETL pipelines, with 2+ years of experience building and managing data pipelines across Snowflake, AWS, and SQL Database platforms. Proven track record in profiling, cleansing, and validating data, and ensuring compliance with governance standards in regulated industries such as superannuation and financial services. Experienced in developing SQL and Python solutions to deliver trusted, high-quality data that supports critical business decision-making.

## Contact Me

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## Certification

### ◆ Snowflake Certified

- SnowPro Core (COF-C02)
- ID: S67171-241206-COF

## Career Highlights

### Rest Super

- Investigated and reconciled critical data anomalies across vendor-supplied datasets, resolving undetected legacy file encoding and format issues.
- Organised and led cross-functional technical bridge calls to rapidly diagnose and resolve high-priority data quality incidents.
- Performed EOFY data reconciliation across multiple databases (MySQL, Amazon Redshift), ensuring accuracy and compliance of critical financial datasets.
- Executed manual interventions to resolve data ingestion failures, maintaining continuity of business reporting during production outages.
- Diagnosed and rectified file encryption and automation script issues, restoring reliability of data migration.
- Takeover and led a delayed major version update from MySQL 5 to MySQL 8 in Talend Studio, resolving compatibility issues.
- Identified and remediated server anomalies in both production and non-production environments, strengthening platform stability and reducing downtime risks.

# Key Skills

- Data engineering
- Software engineering
- Strategic thinking
- Analytical skills
- Team Player
- Flexibility
- Adaptability
- Continuous Learning

# Tech Skills

- Languages: SQL, Python, HTML, CSS, Ruby, Javascript, C#
- Cloud & domain: Github, Heroku, Netlify, AWS S3, Docker, Snowflake
- Frameworks: Rails, Express, React, Nodejs, Ray
- Software: VSCode, Git, Postman, Balsamiq
- Database: PostgreSQL, MySQL, MongoDB, SSMS, Snowflake

# Interests

- Music and instruments. ie. drums, guitar and piano
- Movies and documentaries

# Work Experience

- ◆ REST Super  
*Data Engineer*  
*Aug 2023 - current*
  - Supported and tested ETL pipelines using DBT and Snowflake, troubleshooting issues and ensuring seamless data integration and transformation.
  - Managed ETL code repositories using Git, enabling streamlined version control and collaborative development.
  - Worked with multiple database platforms, including Snowflake, MySQL, and Amazon Redshift, to support diverse data storage and processing needs.
  - Automated data ingestion processes using Cron scheduling, Talend Studio and DBT, improving data pipeline efficiency.
  - Utilised AWS services such as S3, EC2, RDS, and Redshift to manage cloud-based data infrastructure and operations.
- ◆ Hungry Jacks  
*Junior Data Engineer*  
*April 2023 - July 2023*
  - Developed a comprehensive data dictionary enhancing data understanding and accessibility.
  - Queried and managed data using SQL Server, and utilised Microsoft Azure for cloud-based data storage and processing.
- ◆ Ant61  
*Robotics Engineering Intern*  
*Jan 2023 - March 2023*
  - Create algorithms by using Python and NumPy Library
  - Analyse and implement Reinforcement Learning that uses Q-table and Q-algorithm. ie. OpenAI Gym library
  - Oversee and implement DRL or Deep Neural Networks by using Ray Framework and Optimisation