

# Senior Data Engineer

## About Harmony

Harmony is a pioneer in fintech and a leading online direct-to-consumer lender across New Zealand and Australia. We are reimagining financial services using data, automation, and intelligent decisioning to deliver friendly, fair, and simple products. Join a high-growth team where you'll tackle interesting challenges that make a genuine difference in our customers' lives every day.

## The Opportunity

As a Senior Data Engineer, you will lead the design, construction, and optimisation of scalable data architectures that drive our analytics and reporting. A critical focus of this role is accelerating our data roadmap to enable advanced AI use cases. We are looking for a forward-thinking engineer to help bridge the gap between core data engineering and cutting-edge AI implementation. Ideally, you are someone who brings AI experience to the table, helping us navigate the complexities of model deployment and data readiness.

## Our Data Stack

We pride ourselves on staying at the forefront of technology. You will work within a modern data stack utilising full cloud services. This includes:

- Snowflake (utilising Snowflake Intelligence and Cortex).
- Sigma
- Python
- GitHub and GitHub Copilot.
- Automated machine learning tools (e.g. DataRobot).

At Harmony, we move fast. The projects you work on will change all the time, offering a dynamic environment where you are constantly challenged and exposed to the latest innovations in the data world.

## What you can expect:

### *AI & Machine Learning*

- Architect data foundations for AI, including feature stores and training datasets.
- Leverage Snowflake Cortex to build AI-driven data products.
- Collaborate with Data Scientists on preparation needs and model integration.

### *Engineering & Optimisation*

- Build and maintain robust ingestion and transformation pipelines.
- Write high-performance SQL and maintainable Python (supported by CoPilot).
- Contribute to improvements in performance and efficiency within the Snowflake data warehouse

### *Quality & Best Practice*

- Assist in ensuring data quality through testing, validation and monitoring

- Define and document data engineering best practices.
- Support self-service data and visualisation use cases
- Adapt to a fast-paced environment where projects evolve frequently.

### **You will bring:**

- 4 + years experience in Data Engineering or a similar role
- Ideally, a background in AI/ML engineering with a clear understanding of how data structures must evolve to support predictive modelling.
- Experience working with Snowflake or similar cloud warehouse
- Proficiency with Python, SQL and experience with Sigma or Snowflake Cortex is a significant plus.
- You thrive in a fast-paced environment where project requirements and priorities evolve frequently.

### **How to apply**

Please email your CV and cover letter to [people@harmoney.co.nz](mailto:people@harmoney.co.nz)

**Note:** Only candidates who are New Zealand residents or hold a valid work visa are eligible to apply for this role.