



Te Pūtea Matua | Reserve Bank of New Zealand

Position title	Data Engineer
Group	Operations
Reports to	Manager Data Development
Reference Level	16

Te Pūtea Matua, the Reserve Bank of New Zealand (RBNZ), is New Zealand's central bank. Toitū Te Ohanga, Toitū Te Ōranga - We enable economic wellbeing and prosperity for all New Zealanders.

Our vision is Great Team, Best Central Bank, expressed as Matangirua Ki Matangireia – working as one towards our ultimate purpose. We operate with Tauira / Integrity, Wānanga / Innovation and Taura/ Inclusion.

Kaupapa rōpū | Group purpose

The Operations Group provides strategic support to RBNZ by ensuring effective governance, security, and operational excellence across key functions. This includes fostering a resilient culture, enabling secure technology and data management, optimising financial and procurement practices, and safeguarding assets and people. The Group drives RBNZ's ability to meet its mandate by ensuring organisational efficiency, adaptability, and compliance in a dynamic environment.

Kaupapa mahi | Role purpose

The Data Engineer is responsible for the ongoing support, maintenance, and enhancement of systems that support storage, processing, and retrieval of the Bank's data products. This, includes implementing changes, resolving defects, applying upgrades, and adding new data items to meet evolving business needs.

Ngā kawenga matua | Key responsibilities

- Operating with a one team mentality by collaborating with others to enable 'best for RBNZ' outcomes.
- Demonstrating our values and behaviours consistently to support our desired culture.
- Contributing as required to the delivery of Group and cross-functional strategies, activities, initiatives and programmes / projects.
- Supporting the integration of Te Tiriti, Te Ao Māori and diversity, equity and inclusion within our organisation.

- Taking proactive responsibility for your own health, safety, and wellbeing, and fostering a safe and healthy work environment by identifying, reporting, and managing risks and hazards.
- Developing and maintaining external relationships as required.
- Operating in line with RBNZ's policies and procedures.
- Working closely with colleagues across the Operations and Technology Groups to evolve the data engineering practice using appropriate frameworks and tools, and consistently applying these to daily work.
- Engaging with Data Architects, Data Scientists, Data Analysts, and business teams to understand data and information needs.
- Developing and enhancing the Bank's data analytics platforms, including modern cloud-native systems and supporting the transition from legacy systems.
- Undertaking data transformation tasks (ETL/ELT) using structured and unstructured sources to produce data fit for various use cases.
- Building knowledge of data held by RBNZ and identifying relevant external data sources.
- Documenting any changes to (or new) data processes, pipelines, and business rules.
- Collaborating closely with Technology teams, to align approaches with the Bank's data objectives.
- Working closely with senior Data Development team members, and other teams across the directorate to implement data solutions that meet business outcomes and align with RBNZ Digital and Data strategies.
- Identifying and resolving data issues.
- Participating actively in the growth and continuous improvement of the Bank's data platform and the wider Digital Services team.

Wheako whai take | Relevant experience

- Relevant tertiary qualification or 3+ years' experience in data engineering or related field.
- Strong knowledge of data structures, pipelines, warehouses, and best practices.
- Strong knowledge of data modelling, including normalised and dimensional models techniques.
- Skilled in SQL, Snowflake, dbt, and end-to-end ETL/ELT processes.
- Experience in Azure cloud environments.
- Experience supporting analytics and reporting platforms, including enabling curated datasets for tools such as Power BI.
- Familiarity with Python

- Strong knowledge of DevOps methodologies, Git version control, CI/CD pipelines, and the full Software Development Lifecycle (SDLC), including build and deployment across environments.
- Effective communicator with ability to translate technical concepts for business stakeholders.
- Ability to work effectively with stakeholders to understand requirements and translate them into scalable data solutions.
- Comfort working in ambiguity and interdependent environments.
- Applies sound judgement to balance data quality, performance, security, and delivery needs.
- Demonstrates knowledge and application of Te Tiriti o Waitangi.
- Must be eligible to obtain and maintain the appropriate level of NZ National Security Clearance as needed.

Ā mātou whanonga | RBNZ behaviours

As important as what we deliver is how we deliver. We hold people front and centre to our mahi, our way of working is guided by our values which shape our behaviours. Our Individual Performance Framework details these expectations.