



## Te Te Pūtea Matua | Reserve Bank of New Zealand

Position title	Senior Economic Data Scientist / Senior Analyst
Group	Money
Reports to	Manager, Modelling
Reference Level	17

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 Taura / Integrity, Wānanga / Innovation and Taura/ Inclusion.

### Kaupapa rōpū | Group purpose

The Money Group is responsible for leading policy and operational activities relating to our role as steward of New Zealand's monetary system, including the money and cash system, protecting the purchasing power of our money through setting monetary policy, implementing monetary policy in financial markets, and operating the large value payment and settlement systems across our balance sheet.

### Kaupapa mahi | Role purpose

The Economic Data Scientist / Senior Analyst is a pivotal role responsible for supporting fit-for-purpose data management within Economics. This is a fixed-term role focused on supporting development of our data pipelines and management of model outputs within the Directorate to support uplift in our economic modelling capability. This includes development and implementation of infrastructure improvements to upgrade our forecast system.

Leveraging strong data, technical and communication skills, this role contributes to improving our understanding of the New Zealand economy, including the effects of monetary policy. The Economic Data Scientist collaborates within their immediate team, across their Directorate and Group, and with relevant areas and initiatives across the Reserve Bank.

### Ngā kawenga matua | Key responsibilities

- Supporting high-quality data management and use within Economics, particularly focused on data storage, management, versioning and pipelines.

- Contributing to the development of our economic modelling capability and infrastructure, enabling effective management, use and interrogation of economic model outputs.
- Liaison with colleagues in Data and Information and Digital Solutions to support development of relevant data solutions.
- Presenting and communicating all work in an accessible manner with clear key messages for a variety of internal and external stakeholders.
- Contributing to expert advice provided to senior decision makers and/or Reserve Bank committees.
- Delivering outputs to Advisers and management within agreed timeframes.
- Assessing business process and workflows and acting on opportunities for improvement.
- Developing and maintaining effective working relationships with internal and external stakeholders.
- Leading analytical projects and providing guidance or coaching to junior colleagues.
- 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.

### **Wheako whai take | Relevant experience**

- Post graduate qualification in a relevant quantitative field.
- At least 3 years of relevant professional experience in the fields of data science, data engineering, banking, financial markets, macroeconomics or economics.
- Experience building and maintaining data management systems, databases and pipelines.
- Extensive coding experience.
- An understanding of economic modelling and macroeconomics.
- Excellent communication skills for technical and non-technical audiences.

- A proven ability to build and maintain effective stakeholder relationships (internally and externally).
- A proactive, resilient, and collaborative approach.
- Sound judgement and the ability to think holistically across a broad range of issues.
- 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.