

Kaiwhakamātau Kaitātari Matua – Tātari | Senior Analyst Tester

Working in the Public Service | Nga mahi o te tari kāwanatanga

Ka mahitahi mātou o te ratonga tūmatanui hei painga mō ngā tāngata o Aotearoa ināianei, ā, hei ngā rā ki tua hoki. He kawenga tino whaitake tā mātou hei tautoko i te Karauna i runga i āna hononga ki a ngāi Māori i raro i Te Tiriti o Waitangi. Ka tautoko mātou i te kāwanatanga manapori. Ka whakakotahingia mātou e te wairua whakarato ki ō mātou hāpori, ā, e arahina ana mātou e ngā mātāpono me ngā tikanga matua o te ratonga tūmatanui i roto i ā mātou mahi.

In the public service we work collectively to make a meaningful difference for New Zealanders now and in the future. We have an important role in supporting the Crown in its relationships with Māori under the Treaty of Waitangi. We support democratic government. We are unified by a spirit of service to our communities and guided by the core principles and values of the public service in our work.

You can find out more about what this means at (<https://www.publicservice.govt.nz/about-us>)

About Stats NZ | Mō Tatauranga Aotearoa

As New Zealand's national statistics office, Stats NZ Tatauranga Aotearoa is uniquely positioned to support the decisions that the Government, Māori and Iwi organisations, businesses, NGOs, and New Zealanders make every day. Our structure, culture, and systems are designed with collaboration and customers in mind – mobilised and working together to realise our ambition: **About Aotearoa, for Aotearoa – data that improves lives today and for generations to come.**

The increased availability of data brings data-driven innovation. Insights obtained from exploring data can lead to new and creative approaches in business, public services, and customer experience – ultimately improving the wellbeing of New Zealanders. Stats NZ Tatauranga Aotearoa, as data stewards and leaders of the data eco-system proactively protect and enhance the provision of good quality data to realise the value of data.

Stats NZ Tatauranga Aotearoa is led by the Chief Executive who is also the Government Statistician and Government Chief Data Steward.

Te Tiriti o Waitangi

As an employee of Tatauranga Aotearoa Stats NZ and as a public servant, you are expected to recognise and respect the Crown's responsibility to give effect to Te Tiriti o Waitangi and the Treaty of Waitangi – incorporating it into your work and becoming an informed and confident te Tiriti partner. By embracing and uplifting te reo Māori, tikanga and te ao Māori at work you are contributing to the Crown's commitment under the Public Service Act 2020 to engage with Māori and support the Māori-Crown relationship.

Role Purpose | Mō te tūnga

In your role as Senior Analyst Tester, you will be accountable for the execution of both functional and non-functional testing across a large project or programme of work to agreed timescales and quality levels.

Your broad role as a Senior Analyst Tester will be to:

- Conduct both manual and automated tests as appropriate to ensure the solution meets needs and achieves business outcomes
- Lead the development and maintenance of the automation of repeatable processes and activities contributing to an improved experience for our users
 - Provide support and ongoing optimisation for solutions already in production
 - Engage with our domain leads to understand their testing needs and requirements, providing testing solutions accordingly.

Requirements in your role may change with the needs of the organisation.

Key Outcomes	Accountabilities
<p>Technical testing services and advice to Stats NZ is provided</p>	<ul style="list-style-type: none"> • Design and develop automated repetitive test to streamline the testing process • Create, maintain, and optimise build pipelines following change control procedures • Design documents for automation processes • Influence discussions on testing towards an outcome that most benefits the project or programme, congruent to the organisation's strategic direction • Contribute to the identification of risks and issues associated with the planned testing • Create test cases using own in-depth technical analysis of both functional and non-functional specifications (such as reliability, efficiency, usability, maintainability, and portability) • Produce test scripts, materials and regression test packs to test new and amended solutions • Specify requirements for environment, data, resources, and tool • Participate in agile estimation taking into consideration product and process requirements during the development lifecycle • Provide specialist advice to support others and grow their capability.
<p>All Solutions have the required level of analysis and design created to ensure the solution meets objectives</p>	<ul style="list-style-type: none"> • Contribute quality assurance over the design and development of solutions • Translate user needs into testing specifications



	<ul style="list-style-type: none"> Analyse the nature of the processing requirements, examine alternative solutions, and recommend solutions/options Specify user/system interfaces test cases Produce detailed testing designs and documents using required standards, methods, and tools, including prototyping tools where appropriate Contribute to the development of testing roadmaps
All systems within your sphere of influence are supported and optimised	<ul style="list-style-type: none"> Ensure the documentation, test plans and test data for the solutions are updated accordingly Minimise the adverse impact of solution defects on our user teams Provide support and usage advice to users Identify and resolve issues with solutions, following agreed service management procedures Carry out agreed solution maintenance tasks.
Team members skills are improved through mentoring, coaching and peer review	<ul style="list-style-type: none"> Mentor others in the team to enable them to take a lead role on small or medium complex solutions Peer review others work and coach them to improve performance.
The team's processes and performance are continually improved	<ul style="list-style-type: none"> Work within, identify, improve, promote, document, and implement team processes Ensure that the development work adheres to the team's standards Follow relevant quality assurance procedures so that the software can be quality assured Ensure that work is peer reviewed Maintain quality of outputs and systems and contribute to their continuous improvement Proactively work with other team members as needed to resolve issues and meet project goals and business outcomes.
Demonstrates commitment to Stats NZ Tatauranga Aotearoa policies, procedures, strategy, and related initiatives.	<ul style="list-style-type: none"> Actively supports our Strategy, Mana Ōrite Relationship Agreement, Statistics Act 2022 and abides by other policies. Actively supports and engages with our Diversity, Equity and Inclusion Roadmap, policy, and principles. Actively demonstrates The Way We Work principles which speak to what we care about, how we do things



	<p>and what is needed for all our people to be successful in our organisation.</p> <ul style="list-style-type: none"> • Demonstrates commitment to being a confident and capable partner of Te Tiriti o Waitangi. This includes an understanding of its relevance to your role as a public servant and the work you undertake at Stats NZ Tatauranga Aotearoa and building knowledge in te ao Māori, te reo Māori and tikanga.
<p>Demonstrates as a model public servant committed to initiatives and values outlined in the Public Service Act 2020 and any subsequent adaptations.</p>	<ul style="list-style-type: none"> • Support and promote initiatives from Te Kawa Mataaho Public Service Commission, including Papa Pounamu and Kia Toipoto. • Develop and maintain cultural capability to positively contribute to Māori Crown Relations initiatives, and actively support others to support this. • Adhere to Ngā uara o Te Ratonga Tūmatanui Public Service values as per section 16 of the Public Service Act 2020: <ul style="list-style-type: none"> ○ Impartial – treating people fairly without personal favour or bias. ○ Accountable – taking responsibility and answering for work, actions, and decisions. ○ Trustworthy acting with integrity and being open and transparent. ○ Respectful – treating all people with dignity and compassion, acting with humility. ○ Responsive – understanding and meeting people’s needs and aspirations.
<p>Demonstrated commitment to Health, Safety and Wellbeing while at work.</p>	<ul style="list-style-type: none"> • Take personal responsibility for your own health safety and wellbeing. • Ensure your actions or lack of action do not adversely affect the health and safety of others. • Report any incidents, near misses or any other concerns relating to health safety and wellbeing. • Make all efforts to comply with Tatauranga Aotearoa Stats NZ Health Safety and Wellbeing policies and processes to ensure the organisation is compliant with the current Health and Safety Act or regulations.

Person specification | Ngā āhuatanga e hiahiatia ana e mātou

Core requirements

- A relevant tertiary qualification and/ or equivalent relevant experience for this role.

- Have the functional and technical skills and knowledge to meet the performance requirements of the position.
- Have an open and fresh approach, inclusive and collaborative style, with the desire to delight your customers.
- Pursue an objective with energy and passion, overcoming obstacles and seeing things through to the end.
- Recognise problems, analyse them, and then solve them.
- Manage tasks and time effectively and efficiently.
- Ability to research, discover testing solutions and write reports and recommendations at a high level.
- Proven ability to engage, influence and motivate others.
- Experience using everyday office software including a laptop/tablet, phone, Microsoft suit of products e.g., Outlook, Word, Excel, Intranet, online communications channels for meetings and chat.
- Written and oral communication skills suitable for a varied audience in a corporate setting.
- Competency or fluency in te reo Māori language or possess a willingness to develop knowledge and competence. (By 2040 Government aims to have 85% of its workers speaking te reo Māori).
- Understands Te Tiriti o Waitangi relevance to own role as a public servant and seeks opportunities to better meet the information needs of Māori. Supports initiatives to increase responsiveness to Māori.

Desirable

- A broad knowledge of the machinery of government and working in the public sector would be an advantage.
- Understands, applies, and manages compliance by others with Stats NZ Tatauranga Aotearoa's information and data governance standards and protocols.
- Understanding of mātauranga Māori and te ao Māori.



Technology Services

The Senior Analyst Tester sits within the Data operations and Infrastructure Branch that is part of the Insights and Statistics group, which is one of nine business groups that report directly to the Chief Executive.

