

DATA SCIENTIST, KAIPŪTAIAO RARAUNGA



REPORTS TO	LOCATION	DIRECT REPORTS	GROUP
Business Intelligence Manager Pou Whakahaere Mōhio Pakihi	Wellington or Auckland	Nil	Digital and Data

“Our purpose is to grow companies internationally – bigger, better, faster – for the good of New Zealand”

“Tā mātau whai kia whakakaha kamupene – kia nui ake, kia pai ake, kia tere ake – mō Aotearoa ngā whiwhinga”

WHY IS THIS ROLE IMPORTANT? | TE MANA Ō TE MAHI?

You will utilise your analytical, statistical, and programming skills to collect, analyse, and interpret data, and develop data-driven insights and recommendations to difficult business challenges.

WHAT'S THE ROLE ABOUT | TE NGAKO Ō TE MAHI?

The most important work of this role is to...

- Be curious and passionate about analysing data.
- Understand and be able to select, adapt and use a range of up-to-date analytical principles, tools and methods and draw on experience in different domains to apply them appropriately to given issues.
- Identify opportunities for leveraging internal and external data to generate actionable insights that inform business decisions.
- Apply advanced strategic and critical thinking, clear and logical reasoning, and sound judgement to analyse evidence and issues and produce executable recommendations.
- Tell persuasive stories based on the insights uncovered and through great visualization.
- Build rapport with key stakeholders to enable open and engaged conversations.
- Exchange ideas, resources, and know how.
- Join up with other Analysts, Advisors and Teams to continuously look for and explore opportunities to support and collaborate to produce great evidence-based outcomes.
- Collaborate with third party suppliers to supplement skills within NZTE.

Success in this role means:

- Asking great questions and providing compelling insights from the data, to give people quality information that they may not have ever realised they needed to know.
- The trust of senior leaders, as they have confidence in the quality and accuracy of the data and insights provided.
- Promoting evidence-based decision making within NZTE.

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WHAT CAPABILITIES ARE NEEDED TO SUCCEED | Ō PŪKENGA?

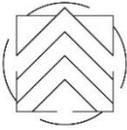
- Have extensive quantitative research experience with the skills and aptitude to undertake complex analysis using advanced, specialist methods and tools, and provide authoritative advice in complex areas.
- Display critical thinking skills by being able to readily distinguish between what's relevant and what's unimportant to make sense of complex situations. Can demonstrate an appropriate mix of analysis, wisdom, experience and judgement to make valid and reliable decisions and recommendations. Recognise when a quick 80% solution will suffice, and when it will not.
- Outstanding communicator who tells persuasive stories that engages and meets the needs of the audience. Is a deep listener who quickly understands what is needed (not just what is wanted).
- A proactive, can-do attitude with a high level of initiative, sound judgement and discretion. Is self-directed and motivated and works comfortably with ambiguity, finds opportunity inside an agreed framework, and deploys great judgement on the job.
- Proactively engages with stakeholders to shape projects, including developing viable options, analysis and evaluation, and monitoring and reviewing processes.
- Provides intellectual leadership by bringing new ideas, techniques and knowledge to analytical and research discussions and leads strategic conversations as required.
- Contributes to the Business Intelligence Team through providing technical leadership, peer review and quality control.
- Technical skills
 - A post graduate or higher qualification in Data Science, economics, econometrics, applied statistics or related discipline is highly desirable, and experience with evaluation or survey design is beneficial.
 - Demonstrated application of advanced statistical / econometric modelling techniques and concepts in a business environment.
 - Confident in programming in e.g. R or Python and executing SQL queries.
 - Experience in data modelling and working with datamarts.
 - Able to leverage advanced modelling tools such as Azure Machine Learning studio is an advantage.
 - Experience using Microsoft Power BI is an advantage.

Our characters | Ō mātou uara

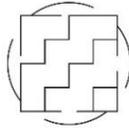
- **Ambition drives us** – Our ambition for our customers is high, and we always rise to the occasion. We help meet their business expectations by expecting greatness of ourselves.
- **Adventure teaches us** – Experimentation is more powerful than perfection, as only through learning from our missteps can we truly succeed. That's why 'giving it a go' is the best way to learn.
- **Honesty frees us** – We explore challenges with an open mind. Only when we ask questions and truly listen can we discover the right way forward.
- **Trust binds us** – Our people may be worlds apart, but it's trust that holds us together. Growing a nation is only possible when we keep promises and honour commitments.
- **Manaaki is us** – We celebrate the mana (strength and dignity) of each other as being equal to or greater than our own. We strive to enhance mana in everything we do through our hospitality, generosity and mutual respect.

It's when these five characters work together that we truly become One Global Team – that's the real superpower of our organisation and how we achieve so much for our customers.

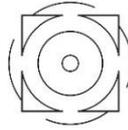
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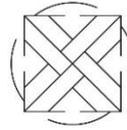
AMBITION
Drives us



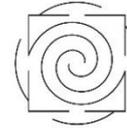
ADVENTURE
Teaches us



HONESTY
Frees us



TRUST
Binds us



MANAAKI
Is us

How we lead at NZTE | Ā mātou kawenga ki Te Taurapa Tūhono

Leadership at NZTE takes a broad definition. We see leaders as those who lead others. That can include formal people leaders, leaders through influence or those who are leading our customers. At NZTE we define leadership as *"enhancing mauri to deliver impact"*.



NZTE is committed to uplifting the mana of Māori as tāngata whenua and recognises Te Tiriti o Waitangi/ the Treaty of Waitangi as Aotearoa's founding document.