# Senior Data Analyst

## Analytics & Modelling, Regulatory & Data

This role is part of the Regulatory & Data Group. This Group provides quality, timely and effective policy and evidence based analysis for the Ministry and the transport sector. Functional teams include Resilience & Security, Mobility & Safety, International Connections, Domain Strategy, Economics & Evaluation and Analytics & Modelling. Responsible for the provision of logistical support to New Zealand Search & Rescue (NZSAR).

The Analytics & Modelling Team are responsible for providing internal, expert modelling capability to inform strategy and policy. They work with the transport Crown Entities, and relevant policy teams to provide technical expertise and independent assessment.

The role of the Senior Data Analyst - Analytics & Modelling is to lead complex policy projects within Analytics & Modelling team, providing high quality information and expert advice on transport policy issues and is responsible for supporting the overall capability of the team.

* Reporting to: Manager, Analytics & Modelling

Location: Wellington

Enabling New Zealanders to flourish – our purpose

Our purpose statement goes beyond describing what our organisation does. It succinctly and powerfully captures the value that we will deliver to New Zealanders.

**Flourish:** A living organism flourishes when it grows or develops in a healthy or vigorous way, especially as the result of a particularly congenial environment. We think that’s what transport should do for New Zealanders.

**New Zealanders:** New Zealanders are central to what we do. This includes New Zealand Inc, the business sector, and our international connections, but at the heart of all of it is people.

**Enabling:** We are here to help create the transport ecosystem that will enable society and businesses to flourish, and grow.

How we do things – our values

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| **INVESTED** | We are committed and responsible |
| **BOLD** | We are courageous, shaping our place in the world  |
| COLLABORATIVE | We are connected and journey with others |

| What you will do to contribute - key responsibilities |
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| The Senior Data Analyst –Analytics & Modelling has the responsibility for supporting the overall capability of the team to delivery on their key objectives.This role is responsible for:* Assisting in the implementation of a modelling and analytics strategy across the transport sector
* Undertaking complex policy issues, leading development of innovative, practical and robust modelling and analysis, and providing authoritative advice often in areas that are complex and sensitive.
* Engaging with key stakeholders as required
* Taking the lead and project managing modelling and analytical work
* Enhancing the overall capability of the team through guiding and mentoring both advisers and graduates in their day to day work
* Establishing and developing productive relationships with other transport sector agencies and the wider government sector
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| Your Health, Safety and Wellbeing  |
| At MoT we expect all employees to:* Work safely and take responsibility for keeping self and colleagues free from harm
* Report incidents and hazards promptly
* Know what to do in the event of an emergency
* Ensure personal health and safety standards are adhered to when at work or offsite when working
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| Who you will work with to get the job done |
| Internal | Domain Strategy, Economics & Evaluation team |
| Senior Leadership team |
| Policy teams |
| All managers & staff |
| External | Minister & Associate Minister |
| Transport Sector Entities |
| Other government agencies, Crown Entities & other organisations |

| What you will bring specifically |
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| **Experience:** Essential:* Experience in policy analysis in the public or private sector and a sound understanding of evaluation or modelling of complex problems
* Excellent organisational skills
* Excellent written and verbal communication skills
* Able to work autonomously and meet deadlines
* Effective communicator

Desirable:* Knowledge of the transport sector would be an advantage
* Experience of bespoke modelling tools (Powersim, Simul8 etc.)
* Knowledge of public sector policy and processes would be an advantage

**Other requirements:*** A tertiary qualification in a relevant field
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| Capabilities  |
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**Honest and Courageous**

* Deliver the hard messages, and makes unpopular decisions in a timely manner; to advance the longer-term best interests of customers and New Zealand.

**Curious**

* Show curiosity, flexibility, and openness in analysing and integrating ideas, information, and differing perspectives; to make fit-for-purpose decisions.

**Self-Aware and agile**

* Leverage self-awareness to improve skills and adapt approach; to strengthen personal capability over time and optimise effectiveness with different situations and people.

**Resilient**

* Show composure, grit, and a sense of perspective when the going gets tough; to help others maintain optimism and focus.