

Virtual Big Data & Actionable Analytics

Leveraging data science to lead transformation in the public sector

Online → Wednesday, 14 April 2021 | 09:00am NZST

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Agenda Overview

Much of daily life now exists to serve what is being called The Technological Economy - of which data is the new and valued currency. While gleaning public data is nothing new, the last decade has seen the rise of modern tools and techniques, as well as new sources and forms of data, that are changing the landscape for planning and innovation.

We know that all tiers of government collect an increasing amount of data every day, with this data becoming a critical asset for insight-led decision making in our country. However, it can be difficult to organise, manage and extract actionable insights from these large, diverse data sets, and during emergency situations like the ongoing Covid-19 crisis, a fast and informed response becomes imperative.

Efficient use of data is the missing link that could see population insights be leveraged in ways that will improve service delivery, national resiliency, and citizen outcomes in New Zealand.

While data literacy, culture and accuracy all pose challenges to attaining actionable data insights, privacy concerns are often seen as the biggest challenge presented by the rise of data and analytics. This means government departments and agencies must prioritise with greater consideration the type and source of data being collected, stored, analysed, shared and consumed.

Public Sector Networks 'Big Data & Actionable Insights' Virtual Event will help government thought leaders across New Zealand better understand their evolving technology landscape and understand how progressive and ethical data analysis can be harnessed to derive value for all as we dive further into living with increased dependence on digitisation and data.

Who Attends?

Chief/Director/Head:

Data | Analytics | Data Management | Information Management | Data Science

Speakers



Louisa Nolan 
Chief Data Scientist & Deputy Director Data Science Campus,
Office for National Statistics, UK



Mark Woodard
Director of Corporate Services / Chief Financial Officer,
PHARMAC



Aimee Whitcroft
Open Data Lead,
Waka Kotahi New Zealand Transport Agency



Evelyn Wareham
Chief Data and Insights Officer,
Ministry of Business, Innovation and Employment



Drew Broadley
Executive Director, Data Ventures
Statistics NZ

Reasons to Attend

A must attend event for public sector professionals looking to harness data and leverage insights in decision-making and service delivery



Learn how to extract data insights and develop a strong foundation for Machine Learning and AI



Explore best practice strategies, how to overcome challenges, and lessons learned from fellow public sector data leaders





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09:00am	PSN Welcome	10:00am	Government Case Study: How Data Openness Can Drive Better Outcomes For All More data is available than ever before, and leveraging its value while protecting and enabling people and communities is a complex subject increasingly at the top of people's minds. Open data – data which is available to anyone, anywhere, anytime – is a key part of this. Aimee will discuss how open data and related data products can: <ul style="list-style-type: none"> • Empower and engage citizens • Improve service delivery, relevance, and decision-making • Contribute to NZ Inc. Aimee Whitcroft, Open Data Lead, Waka Kotahi New Zealand Transport Agency
09:10am	Chair Opening	10:20am	Refreshment Break
09:20am	International Keynote Session: How to extract insights and leverage analytics for improved decision-making in a crisis <ul style="list-style-type: none"> • Creating innovative, data-driven solutions for decision-making • Challenges and use of low-latency, high-frequency data to respond to a rapidly-changing situation Louisa Nolan, Chief Data Scientist & Deputy Director Data Science Campus, Office for National Statistics, UK	10:25am	Panel Session: Data & AI: Driving Operational Efficiency and Citizen Service Delivery by Taking Big Data to the Next Level <ul style="list-style-type: none"> • Strategies to building a foundation for Machine Learning and Artificial Intelligence • Preparing your organisation for the future of data and analytics • Improving speed and quality of public service delivery with Data and Analytics Evelyn Wareham, Chief Data and Insights Officer, Ministry of Business, Innovation and Employment Drew Broadley, Executive Director, Data Ventures, Statistics NZ
09:40am	Government Case Study: Leveraging Data and Analytics for Actionable Insights <ul style="list-style-type: none"> • Forecasting using big data sets to drive budget discipline • Using big data in support of superior decision making Mark Woodard, Director of Corporate Services / Chief Financial Officer, PHARMAC	11:00am	Close