

Vivek Raghunathan

Data Scientist

Accomplished data professional with over 7 years of experience in handling complex datasets, conducting statistical, descriptive and diagnostic analysis to derive actionable insights. Recognised for delivering data in pristine, understandable format. Strong competency in furnishing insights, analytics and intelligence to advance opportunity identification, process re-engineering and strategic decision making.

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📍 Te Awamutu

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WORK EXPERIENCE

Senior Data Scientist

Te Whatu Ora - Health New Zealand

01/2024 - Present

Hamilton

Achievements/Tasks

- Lead implementation of plans and frameworks for adoption and use of advanced analytics
- Leading and Delivering in partnership across Hospital & Specialist Services directorate to develop and deliver data science driven outcomes and performance monitoring analysis
- Develop and maintain national FollowUp:FSA ratio dashboard to inform stakeholders about followup appointments

Intelligence & Insights Business Partner

Te Whatu Ora - Waikato District

01/2022 - 01/2024

Hamilton

Achievements/Tasks

- Develop data model and deploy all core datasets required as part of national reporting.
- Develop & Deploy near real-time Capacity at a Glance (CaaG) screen to provide visibility on key bed & staff metrics.
- Delivered analytics and reporting on staff and patient data across key metrics to support optimal hospital staffing levels.
- Analyse raw data and provide District Nursing service visibility on patient cohort, activity and demographics.

Data Analyst - OPR & AH

Waikato District Health Board

09/2018 - 12/2021

Hamilton

Achievements/Tasks

- Provide analytics for service stakeholders to gain deep insights and aid service planning/delivery.
- Led the end-to-end design, development, and deployment of analytical and reporting tools.
- Spearheaded projects focused on Māori well-being, ensuring alignment with Te Tiriti o Waitangi.
- In-depth descriptive, diagnostic and prescriptive analytics of various services under OPR&AH.
- Harnessing internal patient management and external data to inform service and identify areas for improvement.
- Analyzed ED attendances and pre/post service intervention hospital journeys of DHB-funded clients to evaluate service effectiveness and impact.

TECHNICAL SKILLS

SQL

Qlik Sense

Power BI

Python

Predictive Analytics

Data Wrangling

Statistical Analysis

Pandas

Numpy

Data Visualisation

Snowflake

Matplotlib

Scikit-learn

VOLUNTEER EXPERIENCE

Data & Analytics Teacher

Waipa Christian School

11/2023 - Present

Te Awamutu

Tasks/Achievements

- Introduction to data & analytics
- Importance and value of data
- Data storage and handling
- Types of analysis
- Career prospects in analytics

LANGUAGES

English

Native or Bilingual Proficiency

German

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency