NARUEBET (NARU)
THANUWOHAN

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Experience

Analyst – Tracing & Network Analysis,
Ministry for Primary Industry (MPI)
July 2021 – Present

- Data analysis to determine risk of disease transmission of *Mycoplasma Bovis* in New Zealand using R, Python and Microsoft Excel
- Creation of reports for M. Bovis Epidemiology
- Creation of risk events in Salesforce for M. Bovis Verification & Allocation team
- Experience with PowerBI for team reporting
- tSQL queries for data to SQL Server
- Version control of scripts with Git and Azure Devops
- Led team training workshop for SQL/tSQL and SQL Server for team purposes
- Data validation using GIS systems
- Coordinated Incident Management Systems (CIMS) training

Tutor & Marker, Victoria University of Wellington (VUW)
February 2021 – 2022

- Taught workshops for students in data science and business analytics courses using Microsoft Excel
- Liaison between faculty and students
- Mark assignments and tests for students

Customer Insights Analyst Intern,
Accident Compensation Corporation (ACC)
November 2020 – February 2021

- Queried over 55 million ACC claims from data warehouses using SAS and SQL
- Extracted medical terms from over 200 million PDFs using regex expressions for text extraction and Optical Character Recognition (OCR) in R
- Data exploration, cleaning, and visualisation in Python.
- Developed data integrity checks for SAS Viya pipeline and applied business rules in SAS Enterprise Guide
- Microsoft Excel for visualisation and data validation

Technical & Soft Skills

- **Languages:** R, Python, SQL/tSQL, SAS

- **Tools:** Git, Azure DevOps, Microsoft Excel, PowerBI, CIMS

- Strong ability to communicate information concisely and accurately through written and verbal forms, developed through reports to M. Bovis Epidemiology and tutoring students at VUW.

- Analytical skills and domain knowledge in health and medical / biomedical contexts maximises the ability to gather business requirements for analysis

- Strong time management and "triage" skills for the prioritisation of work in time-pressured environments demonstrated at ACC, VUW and MPI

- Strong interpersonal skills with experience in teaching and training colleagues and students in technologies. Experience in communicating and collaborating between and with technical and non-technical teams at ACC and MPI

- Ability to acquire and analyse new information quickly, demonstrated through time-pressured case consulting solutions presented to MYOB, Deloitte, EY

Qualifications

BSc in Data Science & Cell and Molecular Bioscience, Victoria University of Wellington
March 2019 – 2022
Maintained an A+ average and awarded Dean's List in 2019 & 2020. Coursework in Health Evaluation and Epidemiology (A+), Advanced Statistics and Epidemiology (A) in R. Coursework predominantly R and Python (A+ average in both, respectively).

Foundation Education in Health Science, Whitireia Polytechnic, Wellington
February 2016 - 2017

Volunteering

President, Victoria Information Systems and Data Analytics Society (VISDA)
December 2021 - Present
VISDA is a society of over 100 enrolled members providing VUW students with unique opportunities to expand their knowledge and skills, help form connections with alumni and employers, improve graduate prospects, and assist in preparing to enter the industry.

VISDA is a part of an official representation body of the VUW Faculty of Engineering and maintains the sponsorship of Atlassian and Microsoft, with partnerships with Information Technology Professionals New Zealand and Young Transport Professionals and working relationships with the VUW School of Information Management, the University of Auckland's Information Systems and Business Analytics Student Society, Aurecon and Statistics New Zealand.

References

[REDACTED]
Senior Lecturer, Victoria University of Wellington
EMAIL: [REDACTED]
MOBILE: [REDACTED]

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Senior Customer Insights Analyst, Accident Compensation Corporation
EMAIL: [REDACTED]
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