

Varit Hiranvachira

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CAREER SUMMARY

Recent Master of Supply Chain Management graduate from Auckland University of Technology, with a strong academic background in sustainability practices, data analytics, and production planning optimisation. Experienced in using SQL, Excel, Power BI, and simulation tools through course work, practical academic project and a Data Science Bootcamp.

EDUCATION

Master of Supply Chain Management

Feb 2024 – Feb 2025

Auckland University of Technology, New Zealand

- **Relevant Coursework:** Supply Chain Analytics, Sustainable supply networks, Logistic management
- **Final Project:** Production frequency optimisation at Nestlé
- **Tools used:** Python, Power BI, SQL, Excel, AnyLogistix

English for Academic Purposes (Pathway to Postgraduate Study)

Oct 2023 – Jan 2024

English Language Academy / English Pathway Programme – Auckland

B.B.A. in International Business

2016 – 2019

Dhurakij Pundit University, Thailand

ACADEMIC PROJECT

Optimising production frequency through accurate demand forecasting and batch size optimisation at Nestlé

Master's applied project

2025

- Selected and developed the optimal forecasting tools to predict daily demand
- Integrated forecast results into an Economic Production Quantity (EPQ) model to determine optimal batch sizes
- Simulated scenarios on holding and setup costs to analyse benefits and trade-offs in production planning
- Tools used: Python, SQL, Excel

Retail Sales Forecasting and Markdown Impact Analysis

Group Project – Supply Chain Analytics Course, AUT

2024

- Responsible for data cleansing by using SQL to handle NA values for markdown analysis
- Conducted descriptive analytics using Power BI by building interactive dashboards
- Performed linear regression in Excel to assess factors affecting weekly sales
- Applied logistic regression in Python to develop predictive models for store-specific sales under promotional scenarios

CERTIFICATES

Data Science Bootcamp Batch 11 (DataRockie)

Jan - April 2025

Completed practical training in SQL, Python, R, DataViz, and Machine Learning

SQL Developer Certificates (W3Schools)

2025

Practical course on relational databases, SELECT queries, joins, filtering and subqueries

IELTS (Academic) – Overall band 6.5 (British Council)

Aug 2023

SKILLS & TOOLS

- Python (Pandas, Statsmodels, Logistic Regression)
- SQL (data cleansing, joins, filters)
- Power BI (dashboard building, DAX basics)
- Excel (XLOOKUP, PivotTables, Regression)
- EPQ Modelling, Inventory Analysis
- Data-driven decision making, teamwork, communication