

NAVIN SANJAY

DATA ANALYST

CONTACT

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- 📍 Auckland, New Zealand
(Ready to Re-locate)

EDUCATION

Certificate in Data Science/Artificial Intelligence

Institute of Data (AUT)

2023

Key Modules covered:

- Mathematics, Stats and Programming for Data Science
- Exploratory Data Analysis and Data Science Practises
- Databases and APIs
- Machine Learning - Supervised Learning - Regression and Classification
- Machine Learning - Unsupervised Learning
- Decision Trees and Ensemble Methods
- Natural Language Processing (NLP)
- Artificial Intelligence and Deep Learning
- Machine Learning Deployment and Cloud Computing
- Soft Skills needed to succeed as a Data Scientist

BE(Hons) First Class Mechanical Engineering

University of Auckland

2017 - 2020

PROFILE

Innovative Product Development Engineer with a data-driven mindset, transitioning to a Data Analyst role with the aim of eventually landing a Data Scientist role. Recent graduate of an industry-accredited Certificate in Data Science/AI, equipped with hands-on technical skills and a passion for unlocking insights. Experienced in optimising processes and enhancing outcomes through data-driven strategies. Throughout my career, I have fostered a deep sense of curiosity to explore data intricacies, adaptability to tackle evolving challenges, and effective collaboration to drive project success. Strong interpersonal skills, adept at time management and task prioritisation. Ready to leverage analytical expertise, collaborate across teams, and drive impactful solutions.

PROJECT EXPERIENCE

- **Capstone Project: Predicting Traffic Volume in New Zealand using Machine Learning**
 - Addressed transportation planning challenges
 - Utilised real-world data and ML techniques
 - Achieved ~80% accuracy in prediction
 - Optimised resource allocation and traffic flow
 - Contributed to economic and urban development
- **Quantum Virtual Internship - Retail Analytics**
 - Conducted comprehensive analysis of retail store performance, revealing customer behavior trends and assisting in strategic decisions.
 - Utilised Python for data analysis, feature engineering, and visualisation.
 - Identified top customer segments, highlighted leading brand, and provided insights for supermarket planning.
 - Conducted comprehensive retail store performance analysis using statistical techniques, translating findings into actionable recommendations
- **Tableau Project: Are NBA Players Getting Better?**
 - Analysed NBA rookie performance trends using Tableau to assess player improvement across different eras.
 - Identified statistical correlations to highlight positive (e.g., improved shooting percentages), negative (e.g., reduced turnovers), and neutral trends in player statistics.
 - Conducted comparative analysis between Rookie of the Year (ROTY) players and regular rookies, unveiling exceptional talent and performance disparities.
 - Gained insights into the evolution of playing styles, emphasising the importance of context in evaluating player progress.
 - Developed expertise in data analysis, trend identification, statistical interpretation, and historical context within the sports analytics domain, utilizing Tableau for impactful visualisations.

SKILLS

- SQL
 - Excel
 - Data Analysis and Visualisation
 - Data Mining
 - Tableau
 - Machine Learning
 - Deep Learning
 - Processing Large Datasets
 - Data Wrangling
 - Statistics
 - Big Data
 - Python
 - Git
 - Attention to detail
 - Problem Solving
 - Tenacity
 - Collaboration
 - Communication
 - Curiosity
 - Adaptability
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WORK EXPERIENCE

Product Development Engineer in Non-Invasive Ventilation

Fisher and Paykel Healthcare

2021-2023

- Demonstrated strong analytical and problem-solving skills by identifying manufacturing inefficiencies and leading a Tolerance Study that **reduced waste and manufacturing time by approximately 10%**.
- Utilised data-driven insights to optimise processes and reduce costs through supplier collaboration.
- Collected and interpreted data to establish comprehensive testing protocols, ensuring product reliability and performance.
- Developed a unique solution to an unaddressed problem, contributing to intellectual property development.
- Fostered effective supplier relations, using data for informed decision-making.
- Excelled in communication and presentation skills, influencing stakeholder decision-making processes.
- Collaborated with cross-functional teams of engineers and designers to drive successful project outcomes, utilising strong interpersonal skills to foster productive teamwork and communicate complex technical insights.
- **Work Achievements:** Commended for consistently showcasing a keen ability to swiftly acquire new skills, successfully meet project deadlines, maintain resolute determination in overcoming obstacles, skillfully manage multiple projects, contribute to cohesive teamwork, and proactively pursue continuous improvement.

Product Development Engineer Intern

Fisher and Paykel Appliances

2019-2020

- Pioneered an effective solution that resulted in a **notable 20% decrease in detergent usage for laundry wash systems**, showcasing my capacity to uncover data-driven optimisation strategies.
- Demonstrated expertise in devising and executing robust testing protocols, utilising data analysis to identify areas for improvement and drive performance optimisation.
- Created testing methodologies, underscoring the commitment to data precision and its pivotal role in informed decision-making.
- Delivered impactful presentations, effectively communicating intricate technical insights to stakeholders and facilitating comprehension.
- Demonstrated strong interpersonal skills, fostering productive teamwork among colleagues from various disciplines, and contributing to successful project outcomes.
- **Work Achievements:** Acknowledged for creating thorough and succinct documentation, showcasing adept data management and communication abilities. Accomplished project completion ahead of schedule, delivering an impactful presentation and achieving overall successful outcomes.