PETER NIME

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pete-nime.github.io

DATA SCIENCE | ANALYTICS

MOTIVATION

I am passionate about solving business problems using Data Science & Analytics. I systematically & creatively use my skillset to add tangible value to the team, the business, and the end-user. I am constantly learning, and always looking to improve.

SKILLS & TOOLS

Programming: SQL, Python (Base, Pandas, Numpy, Matplotlib, Scikit-Learn, Keras), R

Tools: Excel, Tableau, Github, AWS (S3, Lambda, IAM, EC2, SageMaker, RDS, DynamoDB, Glue)

Math: Linear Algebra, Statistics (Hypothesis Testing, AB Testing, Central Limit Theorem, Distributions)

Machine Learning: Linear Regression, Logistic Regression, Decision Trees, Random Forest, KNN, k-means, PCA, Association Rule Learning, Causal Impact Analysis, Neural Networks

EXPERIENCE

BI Developer Intern - MVP Studio

AUGUST 2024 - JANUARY 2025

- Developed and maintained dynamic SSRS reports integrated into web-based applications
- Collaborated with stakeholders to gather reporting requirements and deliver actionable solutions
- Designed and optimised SQL queries, stored procedures, and functions for complex business
- Improve report performance through query optimisation and tuning of database procedures

PROJECTS

Grocery Delivery Optimization

- Created & applied a Genetic Algorithm in Python to search out a near-optimal route across 10 addresses. This lead to estimated savings of up to 50% in both delivery time and fuel consumption over a route based upon transaction order alone. This approach could be utilised across many industries as a way to find more optimal solutions.

"You Are What You Eat" Customer Segmentation

- Used k-means clustering on grocery transaction data to split out customers into distinct "shopper types" that could be used to better understand customers over time, and to more accurately target customers with relevant content & promotions

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EDUCATION

Bachelor In Software Engineering
2020- 2022 - Yoobee Colleges, NZ

COURSES & CERTS

Data Science Professional Certification (Data Science Infinity)

Actionable Learnings: Extracting & manipulating data using SQL. Application of statistical concepts such as hypothesis tests for measuring the effect of AB Tests. Utilising Github for version control, and collaboration. Using Python for data analysis, manipulation & visualisation. Applying data preparation steps for ML including missing values, categorical variable encoding, outliers, feature scaling, feature selection & model validation. Applying Machine Learning algorithms for regression, classification, clustering, association rule learning, and causal impact analysis for measuring the impact of an event over time. Machine Learning pipelines to streamline the ML pre-processing & modelling phase. Deployment of a ML pipeline onto a live website using Streamlit. Using Tableau to create powerful Data Visualisations. Turning business problems into Data Science solutions.

NLP 101 (Udemy)

Actionable Learnings: Sentiment Analysis on customer reviews. This could be utilised to flag up customer complaints to a dedicated support team, improving customer satisfaction

INTEREST

Reading, morning jogging, attending church services, countryside travel, practicing a vigan life style

REFEREES

Available on request