CLAIRE NGUYEN

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"Business Analytics specialist with a strong foundation in predictive modeling, data analysis, and database management. Proficient in Python, SQL, and advanced visualization tools, I transform complex data into actionable insights to drive strategic decision-making across diverse sectors."

TECHNICAL SKILLS

- **Predictive Modeling, Data Analysis & Visualization, Database Management, Risk Analysis**
- **Programming Languages/Libraries:** Python, SQL, Web development, Matplotlib, Seaborn
- **Tools:** AI Studio, Power BI, Excel, VS Code, Jupyter Notebook

AWARD/CERTIFICATE

AWARED FOURTH PLACE OF DEAKIN BOWATER BUSINESS CHALLENGE | [Website](#)

- **Skills gained:** Organising skills, Teamwork, Presence Skill

9/2024

POWER BI ESSENTIAL TRAINING

- **Skills gained:** Competencies in data analysis, business intelligence, and Microsoft Power BI

13/4/2024

EDUCATION

Thang Long Highschool - GPA: 9.5/10 — 2019 - 2022

Deakin University - Bachelor of Business Analytics — 2023-2025

- **Coursework:** Artificial Intelligence for Business, Predictive Analytics, Database Fundamentals, Marketing Analytics, Data Information System and Management

  WAM - 1st trimester 2024 : 85.5
  WAM - 2nd trimester 2024 : 82.75

PROJECT

Project 1: Fraud Detection in Personal Injury Claims

- Developed a predictive model to identify fraudulent insurance claims for DAX Compensation Lawyers
- Utilized a dataset of over 3,000 claims to create models using decision trees, k-NN, and ensemble methods
- Achieved a model accuracy of up to 96.83% with a kappa of 0.186, enhancing claim screening processes and reducing financial losses

Project 2: Compensation Structure Optimization

- Conducted a comprehensive analysis using nearly 120,000 data points to optimize employee compensation structures
- Employed linear regression, clustering, and FP-Growth models to predict total compensation, analyze job family-union relationships, and identify disparities in benefits
- Improved predictive accuracy and informed strategic HR decisions through detailed visualizations and data-driven insights

WORK EXPERIENCE

MORTGAGE CHOICE - BROKER — 6/2023 - 10/2023

Administrative Assistant

- Processed lending analytics for clients' profiles regarding tax matters and Business Activity Statements
- Reconciliation of bank accounts
- Assisted the preparation of applications for broker services
- Performed general office administration and accounts tasks

UNIQLO — 10/2023 - Current

Sales Associate

- Managing inventory and arranging mechanics' placement
- Responsible for the sales floor, check-out, and fitting room areas
- Using POS system

MOVSA - MELBOURNE OVERSEAS VIETNAMESE INTERNATIONAL ASSOCIATION — 11/2023 - Current

Vice President of Finance Department

- Serve as a senior executive managing finance operations for a non-profit organization
- Securing and managing sponsor relationships, financial planning, budgeting for activities, and financial reporting
- Collaborate with PR/Marketing and Events Vice Presidents to coordinate event sponsorships and budgeting