Nho Thanh Le

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PROFILE

Master of IT and IT Management student majoring in Data Management & Analytics with strong technical and analytical skills. Proficient in Python, SQL, Tableau, and statistical analysis, with hands-on experience in predictive modelling, data visualisation, and performance reporting. Experienced in working with large datasets, applying machine learning techniques, and delivering actionable insights to support business decision-making. Eager to contribute to Suncorp's data-driven innovation, AI safety, and customer-focused solutions.

EDUCATION

Master of Information Technology & Master of IT Management | Major: Data Management & Analytics
The University of Sydney (Jul 2023 – Present)
- Coursework: PostgreSQL, Tableau, Pandas, Seaborn, LaTeX, Machine Learning, ETL with Pentaho Data Integration

Bachelor of Science in Information Technology | Major: Data Analytics
University of Technology Sydney (Feb 2019 – Nov 2022) — Graduated with Distinction
- Core skills: SQL, Tableau, Python, HTML, CSS, Swift

KEY SKILLS

- Data Science: Predictive modelling, statistical analysis, machine learning, AI safety principles
- Data Analysis & Visualisation: SQL, PostgreSQL, Python (Pandas, Seaborn, Matplotlib), Tableau, Advanced Excel
- Data Engineering: ETL workflows, data cleaning, transformation, and integration
- Business Insights: Performance reporting, claims analysis, portfolio management
- Collaboration: Agile teamwork, stakeholder engagement, clear communication

PROJECT EXPERIENCE

- Google Play Store Apps & Reviews Analysis

Conducted exploratory data analysis and sentiment analysis on 10,000+ records; created Python visualisations and SQL queries to extract insights for market strategy.
https://github.com/tle057zz/The-Android-App-Market-on-Google-Play

- Netflix Duration Trends Report

Applied Python-based time-series analysis to identify shifts in customer viewing preferences; developed Tableau dashboards for clear communication of insights.
https://github.com/tle057zz/Investigating-Netflix-Movies-and-Guest-Stars

- Twitter Sentiment Analysis – 2016 US Election

Built NLP models using TextBlob and NLTK to classify tweet sentiment; created Tableau dashboards to visualise sentiment shifts.

- Supersize the Image – AI-Powered Image Processing

Integrated PostgreSQL with a Django application for AI-driven image enhancement; implemented data transformation and cleaning workflows.
https://github.com/tle057zz/super-reso

- Web App for Marvel Hero Analytics

Developed NoSQL-backed dashboard to analyse and visualise audience engagement; implemented secure access controls.
https://github.sydney.edu.au/COMP5347-COMP4347-2024/Lab-12-Group1-A2

WORK EXPERIENCE

Linkcloud.io – Link Group – Back-end Intern
Sydney, NSW | Part-time (Sep 2023 – Nov 2023)

- Developed backend services using Kotlin & Spring Boot; collaborated in agile environment
- Applied Git version control, contributed to integration testing, and optimised data handling

Comserve Technology Ltd – Repair Technician
Sydney, NSW | Part-time (Jul 2022 – Dec 2022)

- Delivered technical support and resolved software/hardware issues for clients
- Advised on technology solutions to improve performance and efficiency

CERTIFICATIONS & COURSES

- SQL Fundamentals Track – DataCamp (PostgreSQL), Credential ID:
0c2e85719aff01ecc77f176bd7b9c5105261fe6c
- Building a REST API with Python and Flask – Coursera, Credential ID: AXF9XBKP48UG

INTERESTS

Data science, machine learning, AI ethics, predictive modelling, data visualisation