

TUNG D. NGUYEN (HE/HIM)

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Tableau Public: public.tableau.com/app/profile/tung.nguyen8686

Projects

Real Estate Analytic & Interactive Visualisation (part of a learning module)

- Perform comprehensive **data cleaning, conforming, and wrangling** on 10k+-record Victorian Real Estate dataset and generate self-serving analytic dashboard.
- Utilised **KNIME Analytics Platform, Tableau Prep Builder, and Tableau Desktop**.
- Report Book link:
- Tableau Public link: public.tableau.com/views/tdn_rptA_dump_tblu_sl2023/1-DensityofListingsinRegions

Data Warehouse Simulation Team Project

- High Distinction (final grade of 92%) collaborative development project of a **Data Warehouse simulation** hosted via **Oracle Database platform**.
- Utilised **Oracle SQL Developer** to generate **ETL simulation** scripts and communicate with remote training database.

Interactive Internal Displacement & Migration Patterns visualisations on D3.js

- High Distinction (final grade of 96%) collaborative project involves searching, processing and developing a set of interactive data visualisations using Data-Driven-Document JavaScript visualisation library.
- My contribution utilised **D3.js library** and **Tufte's visualization design principles** to the output's development.
- Github Page link: <https://s4ppyh4t.github.io/id-mp-2023/>

Education

Bachelor of Information and Communication Technology

01/2021 – Current

Swinburne University of Technology - Hawthorn, Melbourne, Victoria

- Received **International Excellence Scholarship - Undergraduate** (75% of total tuition fee)
- Top achieving in *Database Analysis and Design (99/100)*, *Problem Solving with ICT* and *Mobile Business and Social Media*. Receiving **90+/100** results in *Database Systems*, high **80s/100** in *Data Visualisation*, *Fundamentals of Data Management* and *BI & Data Visualisation* modules.
- Member of Swinburne's Volunteer Community & Indoors Recreational Sports Club.
- Current GPA of 3.650.

VCE Year 11 & 12

01/2019 – 12/2020

Strathmore Secondary College - Strathmore, Melbourne, Victoria

- Achieving 97.50 ATAR
- **Top #1** achieving student in VCE **Mathematical Methods** and VCE **Data Analytics** (formerly Informatics) of Strathmore SC's 2020 cohort.

Employment history

Casual Mathematics Tutor/Mentor

11/2022 - Current

Art of Smart – Melbourne, Victoria

- Planned, prepared and structured lessons in line with F-10 and VCE curriculum guidelines (per definition of AoS).
- Employed patient, calm demeanor to guarantee satisfying outcomes for challenging students while provided an open approach to ensure their natural academic growth.

IELTS Certificate Teaching Assistant/Librarian

06/2018 - 11/2018

The IELTS Workshop – Hanoi, Viet Nam

My responsibilities as a commissioned Teaching Assistant are to:

- Actively assisted 5-10 students (concurrently) aged 16-26 in IELTS skill-check practices.
- Provide supervision and additional support at the centre's library to ensure efficient operation while closely attending to customers' needs.

My employment ended in November 2018 as I was preparing to pursue my education as an International VCE Student in Melbourne, Australia.

Skills

- Academic-level training with **MySQL, PostgreSQL, and Oracle database management**.
- Novice-Intermediate Scripting knowledge in **C#, Python and Ruby**.
- **Proficient** in basic **SQL and PL/SQL** scripting.
- Academic-level training in **Data Warehousing, ETL** and **data wrangling** processes at small scale (using **Tableau Prep Builder, KNIME** Analytics Platform)
- Academic-level training in utilising **Tableau Desktop** and **D3.js** library for **data visualisations and analysis**.
- Basic knowledge in **regression and classification learning models** and training (using **KNIME** graphical pipeline)
- Basic experience in **social networks analysis** using NodeXL.
- Basic understanding and knowledge in **Web Development** using HTML5, CSS3 and JavaScript.
- **Adobe Suite** Intermediate Proficiency.
- **Microsoft Office Suite** at proficient level.