

Skills

- SQL (SQL, MySQL, NoSQL)
  - Python (Pandas, NumPy, SciPy, Scikit-learn, Matplotlib)
  - Tableau
  - RAG/Agents/LLM
- Excel (VLOOKUP, Conditional Formatting, Pivot Tables)
  - PySpark

Education

- BACHELOR OF BUSINESS** – Western Sydney University – Parramatta, NSW. March 2020 – March 2024

Majors: International Business

**BACHELOR OF APPLIED DATA SCIENCE** – Western Sydney University – Parramatta, NSW. March 2024 – March 2025

Projects

- SENTIMENT ANALYSIS ON MOVIE REVIEWS** – School Project June 2024

  - Implemented **Map Reduce** on **Hadoop** server and generate TF-IDF of the reviews (**Python**).
  - Performed data cleaning and data formatting to successfully forming a matrix for machine learning.
  - Applied classification and machine learning to produce the final model with the accuracy of 65%.
- VISUALIZE DOMESTIC FLIGHTS IN AUSTRALIA**–School Project June 2024

  - Performed data cleaning and data union, including using **Excel** for data manipulation.
  - Visualized basic chart about the flight efficacy using **Tableau**.
  - Using Python to get access to the latitude and longitude of airport, to form Origin-Destination Map.
  - Applying **VLOOKUP** to fit the latitude and longitude to every flights.
  - Transformed and filtered data by using aggregating and filtering function to improve reporting process.
- COVID-19 PATIENT ANALYSIS**– School Project June 2024

  - Utilized **R Studio** to analyze the distribution of COVID-19.
  - Performed data manipulation like joining and extracting data frame to find the 10 most common symptoms.
  - Analyzed the factors that might influence the hospitalization rate and investigated on the conditions of the recovery and death patients.
- RAG/AGENT IMPLEMENTATION FOR FAITHFULL RETRIEVAL OF CHATBOT** – School Project June 2024

  - Develop ChatBot to answer student query about Western Sydney University using RAG/GraphRAG and LLMs’s agents AI.
  - Perform Web Crawling to gather university information from websites.
  - Implement RAG by embedding the information into vector and store Vector Database
  - Leverage agents to assist with query management and to integrate various tasks, enhancing the chatbot's functionality.
- Work Experience

**KITCHEN HAND** – GotPho – Carlingford, NSW. May 2023 - December 2023

  - Preparing ingredients and organizing the kitchen to ensure a smooth operational flow.
  - Primary duties will include washing, peeling, and cutting various food items.
- PROJECT INTERN** – Preston Australia – Rydalmere, NSW. November 2023 - February 2024

  - Performed analysis on the new innovative approach of the company, FacadeFirst, which reimagines the conventional construction process.
  - Evaluated the benefits and drawbacks and generate ideas for promoting the new product.
  - Produce a 12 month plan for the project Education.