

Eric Tran

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GitHub: <https://github.com/EricTran99/>

SUMMARY

Aspiring Data analyst with a background in chemistry. Earned a certificate Monash University's Data Analytics and Visualization Boot Camp. Strong analytical skill in finding trends in raw data, and finding further improvement in upgrading the existing skills. Team-oriented individual that brings articulate communication skills and strong attention to detail.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML5, SQL

Tools: MongoDB, MySQL, NoSQL, PostgreSQL, AWS, Flask, Shiny, Tableau, Excel, TensorFlow, Jupyter Notebook, Leaflet.js, SQLAlchemy, Pandas, NumPy, Scikit-learn

Skills: Data visualisation, machine learning, database management

PROJECTS

Citi Data Bike Analysis: https://github.com/EricTran99/Citi_Bike_Data_Analysis

- Summary: This analysed and showcased the outcome in trip duration with New York's bike installation with the 2013 dataset.
- Role: Sole author
- Tools: Tableau

Department Table Structure: https://github.com/EricTran99/Department_Table_Structure

- Summary: Constructed connections across department tables with primary and foreign keys.
- Role: Sole author
- Tools: pgAdmin, SQL

Credit Loan Risk Model: https://github.com/EricTran99/Credit_Loan_Risk_Model

- Summary: Trained a model with previous credit card detail and risk to predict potential risk of the loan.
- Role: Sole author
- Tools: Python, Jupyter Notebook, sklearn, NumPy, Pandas

Earthquake visualisation: https://github.com/EricTran99/Earthquake_Visualisation

- Summary: Analysed and constructed visualisation of the earthquake data to showcase onto the global map
- Role: Sole author
- Tools: JavaScript, HTML, CSS

PROFESSIONAL EXPERIENCE

Laboratory Assistant | 01/2023 – 01/2024

Alfred Hospital | Melbourne, VIC

Preparing blood samples for Myeloma research for upcoming blood research. The blood samples preparation depended on the trial requirements, where different protocols and volumes were utilized based on the trial's needs. The results were meticulously recorded in a dataset for future references, allowing for easy retrieval of specific samples for client requests

Key Accomplishments:

- Created an automated excel sheet in which autocorrects the percentage and counts of patients whenever new data were added into the dataset.
- Managed large excel dataset of patient's details and ensured sample locations and requests by the clients.

EDUCATION

Bootcamp Certificate, Data Analytics: Monash University Bootcamp, Melbourne VIC | 2023

24 weeks intensive program which focused on gaining technical and data analytical programming skills in Excel, VBA, Python, JavaScript, SQL, MongoDB, Tableau, Big data, and Machine Learning.

Bachelor of Science, Chemistry: Monash University, Melbourne VIC | 2017- 2022

Chemistry Major with Immunology minor study. Obtained technical skills such as critical analysis and thinking where understanding the results and statistics based on the task given. Demonstrated in obtaining data results and data visualisation through excel.