Harry Dong

Data Analyst

📞 0405 658 188 ✉ harry.cz.dong@gmail.com ⭘ github.com/harry-cz-dong

Experience

Reporting Analyst   **Nov 2021 – Present**

Australian Prudential Regulation Authority   *Sydney, NSW*

- Produce statistical reports for the banking, insurance and superannuation industries, while maintaining quality and accuracy of data
- Fulfil large-scale, customised data requests by using SQL to extract from the data warehouse and using R to clean and manipulate data
- Continually improve processes such as automating the formatting of reports using VBA macros
- Collaborate with the media team to answer queries from organisations and members of the public

Intern   **Jun 2020 – August 2020**

MyPass Global   *Sydney, NSW*

- Performed data reporting and designed dashboards in Tableau to supply actionable information for the customer support team
- Automated data cleansing of accounts spreadsheets in Python, leading to a 30% improvement in workflow speed

Education

Bachelor of Commerce | Bachelor of Actuarial Studies   **Feb 2017 – Jun 2021**

University of New South Wales   *Sydney, NSW*

- Majors: Finance, Actuarial Studies
- High Distinction average (86 WAM)
- Dean's List (in 2017, 2018, 2020)

Projects   See projects ⬈

Motor Insurance Rating

Tools: R

- Estimated the annual insurance claims of policyholders based on vehicle and driver characteristics
- Fitted generalised linear models (GLMs), and improved model accuracy by selecting the most relevant variables using LASSO regression

Bank Marketing Prediction

Tools: R, Excel

- Cleaned data from a large commercial banking dataset – handling missing entries, outliers and imbalanced data
- Predicted the success of bank marketing campaigns using client features and economic conditions

Data Visualisations

Tools: Tableau

- Built a portfolio of interactive data visualisations in Tableau

Skills

Tools: Microsoft Excel, Power BI, Tableau
Programming: R, Python, SQL, HTML/CSS
Other: Data Cleaning, Financial Modelling, Data Visualisation