Andrew Sai

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WORK EXPERIENCE

ANZ | System Analyst / Release Manager   Melbourne, VIC | Oct 2020 – Present

- Ensured that the projects meets the requirements of the governance framework to be released and used in ANZ.
- Helped foster collaboration between business and technology divisions to ensure the delivery of the project.
- Created timelines, plans and roadmaps to ensure tracking of the progress of the project.
- Other duties were also to fill in for a support role that involved dealing with user queries and sql extracts.

FDM | Software Engineering Stream   Sydney, NSW | Mar 2020 - Present

- Joined FDM 12 week software engineering stream to kickstart my professional career in Software Engineering
- Developed Professional skills such as communication and presentation.
- Developed Technical skills such as SQL, UNIX and Java.

EDUCATION

Bachelor of Science in Information Technology   Sydney, NSW | Jun 2019

University of Technology Sydney

PERSONAL PROJECTS

Will my employee leave?   Python, Flask, React, Heroku

A deployed classifier model that predicts whether or not an employee will leave the company.

- Achieved an f1-score of 98% with the XGBoost Classifier model.
- Data cleaning to be suitable for machine learning, particularly using mean encoding to deal with the high amount of categorical features.
- Packaged the trained XGBoost Classifier model and created a Flask api that uses the model.
- Developed a React form that connects to the Flask api and deployed on Heroku.

Will it rain in Australia?   Python

A classifier model that predicts whether or not if it will rain in Australia

- Achieved an accuracy of 91% with Logistic Regression machine model
- Replaced key missing data with a KNN model that used similar data to predict the missing data
- Standardised and refined the data to be suitable for machine learning
- Identified cases of incorrect data and how to standardised data collection

SKILLS

Languages: Python, Java, SQL
Web Development: React, JavaScript
Technology: Tableau, Git, Heroku, Excel