De Cotta Shaun Leonowen

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EXPERIENCE

Data Analyst, APAC IT Production, BNP Paribas   Jan 2023 – Jun 2024

- Spearheaded automation initiatives in collaboration with Transaction Banking and IT Production, significantly enhancing process quality and efficiency.
- Developed an innovative Power BI framework to automate reading and processing of transaction deposits, reducing execution time by 70% and improving data visualization.
- Integrated Python scripts, SQL queries to develop seamless connections between Power BI dashboards and OpenData server, enabling real-time data updates of ServiceNow reports resulting in a 50% reduction in data processing time.
- Partnered with the head of finance during the budget exercise to meticulously clean and analyse reports, leveraging Power BI to create dynamic dashboards for senior management, facilitating informed decision-making.
- Successfully migrated traditional reporting methods to Power BI, saving 100 hours per month and improving data accuracy by 20%.
- Developed a business management tool to track performance analysis, results, budget, forecast, variance and control of Actuals reporting and analysis against budget and expense trend (Opex and Capex).
- Proactively identified and implemented continuous improvement opportunities, driving efficiency gains and cost savings across processes.

Air Traffic Control Officer, Civil Aviation Authority Singapore   *Aug 2018 – Nov 2022*

- Completed 18 months of training which includes classroom based and on-the-job training.
- Validated with an aerodrome control rating in Feb 2020 and subsequently provided air traffic services for Changi Aerodrome.
- Pioneered the development of a comprehensive application form for Changi Tower to streamline the visitor request process utilizing the MERN (MongoDB, Express.js, React.js, Node.js) stack.
- Implemented a user-friendly dashboard to identify various hotspots in Changi Aerodrome, providing valuable insights and facilitating informed decision-making.

EDUCATION

Singapore Institute of Technology   *Aug 2015 – Jan 2018*
(in collaboration with the Technical University of Munich Asia)
- BSc. Electrical Engineering and Information Technology
- CAP: 1.8/1.0 (approximately equivalent to a British upper second-class degree)

CERTIFICATIONS

Data Analytics Immersive, General Assembly Singapore   Jan 2023 – Apr 2023
Certificate

Exploring the condominium rental market in Singapore – Data Analytics Capstone
- Acquired data by web scraping rental listings from 99.co and converting it to useable structured data.
- Performed exploratory data analysis to glean insights into the Singapore condo rental market.
- Used tableau to create interactive dashboard to show any trends and relationship between factors contributing to rental prices.
- Displayed predicted rental prices based on user's selection of features and amenities in a condo.
- Link to Project

SKILLS

- **Programming Languages:** JavaScript, Python
- **Web Development:** React, NodeJs,
- **Database Management:** SQL
- **Data Analytics:** Data Visualization, Power BI, Pandas, NumPy
- **Machine Learning:**, Scikit-Learn, PyTorch