

# CHIN JIE NEE

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## POWER BI DEVELOPER | DATA ANALYST

I am a fresh graduate deeply passionate about data science, I am actively seeking a part-time opportunity or a fresh graduate position to apply my skills in the field. My experience spans a diverse range, from utilizing advanced techniques such as neural networks, Bayesian networks, and association rules for medical data analysis, predicting health outcomes, understanding cause-and-effect relationships and frequently brought item sets, to building robust data models like SVM, logistic regression, and random forest for corporate fraud detection. Through these methodologies, I have cultivated a strong foundation for deriving valuable insights from complex datasets. Excited to contribute to cutting-edge applications, I am eager to apply my knowledge in data science to make meaningful contributions in various domains.

## WORK EXPERIENCE

**Fiverr- Freelance Power BI Developer/ Consultant (Freelance)** **Sep 2022 - Present**

- Demonstrated expertise in Microsoft Power BI with a track record of delivering interactive dashboards to clients on Fiverr since September 2022.
- Proven ability to understand client requirements and translate them into visually appealing and functional Power BI solutions.
- Strong communication skills, ensuring effective collaboration with clients to ensure the successful delivery of tailored dashboard solutions.
- Adept at providing consulting services to guide clients in creating and optimizing their own Power BI dashboards.

**Sunway University (KL) SDN BHD - Power BI Developer (Project Based)** **October 2023 - Aug 2024**

- Oil and Gas Company Power BI Developer
- Design and develop Power BI reports and dashboards that provide data-driven
- Create visually engaging and interactive reports using Power BI that meet the specific needs of end-users
- Collaborate with stakeholders to understand their data requirements and provide effective solutions.

**Avinity Analytics SDN BHD - Data Analyst (Full Time)** **March 2024 - July 2024**

- Maintain and enhance the performance of Tableau dashboards to ensure fast, reliable data visualization
- Regularly refresh and update data in Tableau dashboards to provide the most current information.
- Scrape and analyze data from AWS using SQL, ensuring comprehensive data extraction for analysis.
- Design and develop effective dashboards in Power BI and Tableau, creating clear and impactful data visualizations.
- Generate meaningful business insights from both small and large datasets using appropriate insight generation frameworks, aiding in data-driven decision-making

**Sunway College (KL) SDN BHD - Data Analyst Student Helper (Part Time)** **Aug 2023 - Oct 2023**

- Sunway Career Service Student Helper
- Optimized data management processes in the career services portal
- Improved data accessibility and usability by delivering data in a variety of formats to meet the needs of different end users
- Enhanced the portal's functionality by assisting in rearranging the employer industry
- **Skills Learned:** Data management, Time Management, Problem Solving

**Sirius A (M) SDN BHD - Business Data Analyst (Internship)** **Jan 2023 - Mar 2023**

- Created custom interactive Power BI templates for new clients
- Utilized DAX code to create complex calculations and visualizations in Power BI
- Generated random datasets using Python to showcase Power BI
- View the Power BI Project [HERE](#)
- **Skills Learned:** Data Management, Analysis, Cleaning, Visualization
- **Technical skills:** Excel, Google Sheets, Power BI, Python, DAX

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## PROJECTS

### Corporates Fraud Detection - Chin Jie Nee

Sep 2023 - Dec 2023

- **Objective:** Develop an advanced fraud detection system for corporate financial reports.
- **Approach:** Conducted comprehensive data collection and preprocessing and created testing and training datasets focusing on fraud instances.
- **Key Variables:** Analyzed Company Name, Year, Contents Section, Contents Text, Fraud Label.
- **Methodology:** Applied advanced analytics and machine learning to annual reports. Identified fraud patterns and significant words in "Contents\_Text."
- **Machine Learning Model:** SVM, Logistic Regression, Random Forest
- **Results:** SVM is the best model with **85% accuracy**.

### Unveiling Trends & Influencing Factors in Measles Vaccination Rates

Sep 2023 - Dec 2023

- Utilize SAS Enterprise Guide, PowerBI, and Python; the analysis encompasses dataset exploration, geographical patterns, comparative analyses, and correlation between school-specific variables and vaccination rates.
- Investigates measles vaccination rates in the United States, focusing on California, Colorado, and Ohio.
- Strengthen vaccination efforts and minimise preventable diseases, contributing to public health initiatives.

### AWS Cloud Computing - Chin Jie Nee

Apr 2023 - Aug 2023

- Utilize Hadoop, Pig, Apache Hive, Spark, MrJob
- Analyse book recommendations on Amazon based on rating scores and book reviews
- Aims to improve and enhance the book recommendation system by identifying frequently appearing words, analysing them through user ratings, and reviewing texts using word count analysis

### Predictive Analytics with AI in Supermarket Sales

Apr 2023 - Aug 2023

- Utilize Cross-Industry Standard Process for Data Mining (CRISP-DM) methodology alongside Statistical Analysis System (SAS) to conduct an in-depth analysis (Linear Regression, Logistic Regression and Decision Tree modelling).
- Aims to analyze consumer buying behaviour to gain insights into market trends.
- Focus on improving business effectiveness and customer experience
- Predicting preferred payment methods and forecasting customer decisions on membership enrolment.

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## EDUCATION

### Sunway University

Bachelor of Information System (Data Analytics)

### Lancaster University

Bachelor of Information System (Data Analytics)

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## SKILLS

Data Extraction/ Scraping

Python

SAS Enterprise Miner

Data Transformation and Loading

R Programming

SAS On Demand

Data Mining and Modeling

Oracle SQL

SAS Programming

Data Visualization

SAS Enterprise Guide

Microsoft Power BI