Lai Jien Weng

Data Scientist | Machine Learning Engineer

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SUMMARY

Creative and Analytical Thinker: Demonstrated ability to analyze complex datasets and extract actionable insights, such as identifying new market opportunities for Bellabeat.

Team Collaboration: Proven success in working collaboratively with cross-functional teams, ensuring seamless project execution, and achieving common goals.

Enterprise-Oriented Problem Solver: Adept at addressing business challenges with innovative, data-driven solutions to drive growth and efficiency.

Effective Communicator and Leader: Successfully led the "Digital Age Investing: Cryptocurrency Trends & Tactics" webinar, showcasing strong project management and leadership skills.

Passionate about leveraging analytical and machine learning skills to contribute to innovative projects and drive business success. Eager to bring expertise in data analytics, machine learning, and collaborative teamwork to a dynamic organization.

KEY SKILLS

- Data Analysis	- Storytelling	- Cross-Collaboration
- Data Visualization	- Database Management	- Brainstorming
- Machine Learning	- Data Manipulation	- Problem-Solving
- Statistical Analysis	- Effective Communication	- Critical-Thinking

EDUCATION

Universiti Tunku Abdul Rahman (UTAR), Sungai Long | Oct 2022 - Oct 2025

Bachelor of Science (Honours) Applied Mathematics with Computing, 3.4875 CGPA
- *Performed predictive modelling and explanatory data analysis (EDA) using Python, R to predict and filter spam/ham emails.*
- *Created loan application classification program using machine learning algorithms to automate classification process with 95% accuracy.*
- *Extract, load, and transform (ETL) big data with Spark SQL to reduce processing time significantly.*
- *Leveraged strong statistical foundation and unbiased analytical thinking to create compelling data visualizations for effective storytelling.*

Universiti Tunku Abdul Rahman (UTAR), Sungai Long | Oct 2021 – Oct 2022

Foundation in Science, 3.8001 CGPA
- *Ability to manipulate and analyze large dataset using spreadsheets with appropriate reporting (charts and dashboard)*
- *Conducted unbiased surveys employing statistical methodologies to gather and analyze data.*

PROFESSIONAL AFFLIATIONS

IBM Data Science Professional Certificate

IBM

June 2024 - Current

Anaconda Python for Data Science Professional Certificate

Anaconda Inc.

June 2024

NLP with Python for Machine Learning Essential Training

National Association of State Boards of Accountancy (NASBA)

May 2024 – June 2024

Google Data Analytics Professional Certificate

Google

March 2024 - June 2024

EXTRACURRICULARS

Chairperson | Feb 2024 - Apr 2024

As the group leader and organizer of the webinar "Digital Age Investing: Cryptocurrency Trends & Tactics," my role involved coordinating and guiding a team of professionals to successfully execute the event.

Additionally, my involvement in organizing and leading this webinar showcases my interest and knowledge in the field of cryptocurrency and digital investing, further enhancing my qualifications for roles in finance, technology, or related industries.

SKILLS

Programming languages: Python, R, Scala, HTML, CSS, JavaScript, SQL

Computer software/ frameworks: Microsoft Office, Power BI, Tableau, Git, Pandas, Scikit-Learn, Numpy, Tidyverse, ggplot2, Tensorflow, Keras, Spark, MySQL, Jupyter Notebook.

Languages: English, Chinese, Malay, Cantonese