



Guan Ting Lin

Senior Data Engineer

Experienced and passionate Data Engineer with over three years of experience enhancing business operations for renowned organizations. Proficient in creating **20+ dashboard projects** for global strategic decision-making, while also leading a team in building **automated data pipelines**. Additionally, well-versed in designing and implementing various components of data platforms and skilled in machine learning platforms such as **MLflow and Vertex AI**.

Contact

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Linkedin

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Education

2022-2024 June (expected)

Artificial Intelligence and Data Science

National Chung Hsing University
In-service Master's program

2010-2014

Information management

National Yunlin University of Science and Technology
Bachelor

Skills

- GCP Cloud Bigquery / Looker/ /Airflow/ Pub/Sub
- Power BI Report Builder
- Azure Fundamentals
- Data modeling (conceptual/ dimensional/ star schema)
- Spark SQL
- AWS Redshift SQL
- AWS EC2/ S3/ Sagemaker
- Experience in Python ML model

Ray's Projects

[Click to see the Link](#)

Language

English Chinese

Ohter experience

Serve as a PowerBI lecturer in TUNGHA
University (Weekend course)
AlphaCamp Python Teaching Assistant

Experience

2023 May - Present

Admazes | Taichung,Taiwan(Remote)

Senior Data Engineer

- Engineered over 20 scalable data solutions leveraging **GCP BigQuery, Airflow, and Looker**, enhancing data analysis and reporting capabilities for client projects.
- Architected and implemented an advanced email domain marketing platform using **MongoDB, Cloud SQL, Python, and BI tools**, driving significant improvements in targeted marketing campaigns.
- Led a team to the Google Hong Kong Summit, presenting a groundbreaking GCP-based project demonstration, showcasing leadership and advanced technical proficiency in cloud solutions.
- Innovated a **Generative AI**-powered marketing tool with **Vertex AI**, automating and personalizing marketing efforts, which resulted in a measurable increase in customer engagement and satisfaction.
- Created a Looker **Gen AI** extension integrating **Vertex AI, facilitating dynamic NLP** and GenAI interactions, enhancing data exploration and decision-making processes.
- Built a high-throughput data streaming pipeline by synergizing **Kafka with the Confluent Platform, Airflow, and Docker**, achieving unparalleled efficiency in real-time data processing and analytics.

2020 Aug - 2023 May

Taskus | Taipei,Taiwan (Remote)

Business Insights Team Lead

Power BI dashboard development:

- Built 20+ dashboards for instant insights for executives
- Developed Global Hiring Ratio Dashboard for visualizing hiring trends

Data analysis and insights:

- Conducted **NLP sentiment analysis** to identify dissatisfied sentiment and reasoning
- Conducted Attrition analysis to Improve employee satisfaction and workplace safety

Project management and efficiency:

- Led **Power BI dashboard development** and managed auto-refreshed dashboard collection
- Eliminated manual reporting process for a 300-person organization, improving efficiency and productivity

2018 Apr- 2020 Aug

Shianyh | Taichung,Taiwan

- Business sales data analysis
- Lead Microsoft Power B projects in the sales team.
- Kaban stock management

2016 Jan - 2018 Apr

Maxxis | Changhua,Taiwan

Sales Analyst

International Sales Representative

- Products sales maintain
- Project management

Certification

Microsoft Certified: Data Analyst Associate
Google Cloud Professional Data Engineer