

Lucy Lin

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PROFILE

Cloud-focused data engineer with experience in building scalable platforms and improving data reliability. Skilled in BigQuery, Airflow, and workflow automation. Bridge analytics and engineering through reusable tools and clear documentation.

EXPERIENCE

Data Engineer

Titansoft | Oct 2023–Present

- Managed 150+ BigQuery assets across 8 departments using Git-based workflows
- Built data pipelines and quality checks for SQL Server, Parquet, and Pub/Sub
- Implemented IAM CI/CD and audit pipelines for department-level access reviews
- Reduced Tableau extract time from 37 min to 13 sec by optimizing SQL and dashboard filters
- Designed reusable Airflow DAGs and integrated AI tools to cut development time by 80%

Software Engineer

Ingrasys | Mar 2021–Sep 2023

- Resolved critical network bug and improved system reliability
- Refactored legacy Python code to enhance maintainability

System Integration Engineer

Delta Electronics | Sep 2018–Feb 2021

- Delivered MES/WMS systems for 1,000+ factory users
- Automated ERP data integration, reducing manual processing time

SKILLS

BigQuery Airflow GCP Python SQL Git

EDUCATION

M.S. & B.S., National Cheng Kung University

VOLUNTEER

PyCon Taiwan – Venue & Program Event Lead (2022–2024)