LALITAWADEE WONGKHUN

ARTIFICIAL INTELLIGENCE ENGINEERING AND DATA SCIENCE

Profile

AI & Data Science student skilled in Python, SQL, and Power BI. Experienced in building analytics pipelines, forecasting models, and dashboards to drive data-driven business decisions.

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📍 Pathum Thani, 12120 Thailand

◈ GitHub Profile & My Portfolio

WORK EXPERIENCE

Cement Sales Analysis & ETL Pipeline
GitHub: **miyomui/cement-sales-analysis**
Personal Project | *Oct 2025*
- Built an end-to-end **ETL pipeline** using **Python (Pandas)** and **SQLite** to process 12 years of cement sales data.
- Developed a **Ridge Regression** model and **Prophet** for 12-month sales forecasting, visualized insights on **Power BI.**

Thai Van Ticket Analysis Dashboard (Mini Hackathon)
GitHub: **miyomui/Mini-Hackathon-Thai-Van-Ticket**
Team Project | Power BI (DAX), SQL, Python | *Nov 2025*
- Led a team to develop a **Power BI** dashboard to identify revenue leaks within a 9-day hackathon deadline.
- Designed a **Star Schema** data model and implemented complex **DAX** measures for dynamic KPIs (e.g., Failure Rate).

Sales Data Pipeline & Dashboard
GitHub: **miyomui/ProjectAIE321-Kaggle-Dataset-Sales-Records**
Team Project | *Nov 2025*
- Automated Python ETL for 100k+ records (PostgreSQL/Docker) and visualized KPIs via Google Sheets API on Looker Studio.

Japan Flight Predictor (Web Application)
GitHub: **hmiyomui/Mini-ProjectAIE322-Flight-Price-Prediction.git**
Personal Project | Python, Streamlit, Scikit-learn | *Feb 2026*
- Developed a Multiple Linear Regression model with 96.14% accuracy to predict round-trip fares (BKK-Japan).
- Deployed on Streamlit Cloud with interactive features for real-time prediction and price trend visualization.

LANGUAGES

- Thai (Native)
- English (Intermediate – Reading/Writing)

EDUCATION

SECONDARY SCHOOL
Kaengkhoi School (Saraburi, Thailand)
Science and Mathematics Program
2019 - 2022   (GPA 3.67)

BACHELOR OF ENGINEERING
Bangkok University (Pathum Thani, Thailand)
Artificial Intelligence Engineering and Data Science
2023 - Present   (GPA 3.37)

HARD SKILLS

Languages & Core: Python (Pandas, NumPy, Scikit-learn), SQL (PostgreSQL/MySQL), HTML, CSS, JavaScript

Data Science & Machine Learning: Streamlit, Prophet, Regression Analysis, Forecasting Models, Matplotlib

Data Engineering & Automation: Docker, n8n, ETL Pipelines, Git/GitHub, Google Sheets API

Business Intelligence (BI) & Visualization: Power BI (DAX), Looker Studio, Excel, Data Storytelling

SOFT SKILLS

- Data Storytelling
- Critical Thinking & Problem Solving
- Agile Adaptability
- Project Ownership & Time Management
- Growth Mindset & Curiosity: