



LALITAWADEE WONGKHUN

ARTIFICIAL INTELLIGENCE
ENGINEERING AND DATA SCIENCE

Profile

Analytical and self-driven student passionate about Data Science and Software Development. Experienced in Python, SQL, and Power BI for data analytics, forecasting, and dashboard development. Aiming to leverage data-driven insights to build efficient, scalable, and intelligent business solutions.

WORK EXPERIENCE

Cement Sales Analysis & ETL Pipeline

GitHub: [miyomui/cement-sales-analysis](#)

Personal Project | Start Date – Oct 2025

- Developed a Python ETL pipeline (Pandas, SQLite) to automate cleaning, transformation, and database loading for cement sales data (2010-2022)
- Analyzed sales trends, seasonality, and KPIs (Efficiency ~96%, Fulfillment ~96%) using SQL and Pandas, identifying key business insights.
- Built a Ridge Regression model (Scikit-learn) identifying GDP as a key sales driver ($R^2=0.36$).
- Created a 12-month sales forecast using Prophet, projecting ~5-8% growth and capturing seasonal patterns.
- Designed a Power BI dashboard visualizing analyses and forecasts for decision support.

Thai Van Ticket Analysis Dashboard (Mini Hackathon)

GitHub: [miyomui/Mini-Hackathon-Thai-Van-Ticket](#)

Team Project | Power BI (DAX), SQL, Python | Start Date – Nov 2025

- Collaborated in a team under a 9-day deadline, **taking the lead role** in developing an end-to-end BI solution to identify operational and revenue leaks.
- Spearheaded the development** of nearly all 4 interactive dashboard pages in Power BI, translating complex business requirements into actionable visual insights.
- Formulated complex DAX measures for dynamic KPIs (e.g., Failure Rate, Potential Lost Revenue) and implemented a Star Schema data model to ensure accurate cross-filtering.

LANGUAGES

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

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 [GitHub Profile](#) & [My Portfolio](#)

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 3.33)

HARD SKILLS

- Languages & Tools**
Python, SQL/MySQL, HTML, CSS, JavaScript, Git, VS Code
- Data Science**
Pandas, NumPy, Scikit-learn, Prophet, Matplotlib, Regression, Forecasting
- Analytics & BI**
Power BI, Excel, KPI Dashboard, Data Visualization

SOFT SKILLS

Analytical Thinking & Problem Solving, Communication & Storytelling, Project Ownership, Adaptability, Curiosity & Growth Mindset, Attention to Detail