LALITTAWADEE VONGKOON

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.

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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 | 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.

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 3.33)

HARD SKILLS

- **Languages & Tools**
Python, SQL/MySQL, HTML, CSS, JavaScript, Git
- **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