PAWARES JUISANGIAM

DATA SCIENCE | DATA ANALYST

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EDUCATION

Bachelor of Science and Technology in Applied Mathematics **Aug 2021 - May 2025**
Thammasat University

KEY SKILL SUMMARY

- **Programming & Data Querying:** Proficient in Python (Pandas, NumPy, Matplotlib, Seaborn) and R for data manipulation, cleaning, and analysis. Strong command of SQL for data querying.
- **Data Analysis & Machine Learning:** Hands-on experience in Exploratory Data Analysis (EDA), feature engineering, classification and regression modeling, and text analysis
- **Data Visualization & Reporting:** Skilled in creating interactive reports and dashboards using Microsoft Excel (Power Query, Pivot Tables) and Power BI. Proficient in Regular Expressions (Regex) and visualization techniques for presenting insights effectively.

WORK EXPERIENCE

Third-Party Logistics (TPL) Intern - Scan Inter Public Company Limited **May 2024 - July 2024**
- Monitored real-time transportation operations through control room screens.
- Ensured compliance with safety and transportation regulations during deliveries.
- Extracted shipment data and prepared operational reports for management review.
- Supported logistics coordination by tracking and documenting delivery performance.

PROJECT

Optimized Convolutional Neural Network through Parameter Management (Thesis) **Jan 2024 - Oct 2024**
- Improved a classification model using Transfer Learning, Magnitude-based Pruning, and NAS.
- Optimized a pre-trained model to reduce parameters and speed up processing.
- Evaluated performance by parameters, computation time, and accuracy.

Telco Customer Churn Analysis & Prediction (Personal) **Aug 2025**
- Performed EDA on 7,000+ customer records to identify churn patterns and key behavioral trends.
- Built Logistic Regression and Random Forest models, achieving 82% accuracy and identifying top features influencing churn.
- Generated actionable business insights that could help reduce churn by focusing on high-risk segments, including short-tenure or high-fee customers.

SMS Spam Analysis – Exploring Patterns in Text Messages (Personal) **Sep 2025**
- Explored SMS messages to understand differences between spam and normal messages.
- Analyzed message length, common words, and phrases to uncover patterns.
- Visualized findings using WordClouds and charts to highlight key insights.

ADDITIONAL

- **Languages:** Thai (Native), English (Intermediate)
- **Certifications:** Certified Professional Data Analyst-DataRockie School (2025)
- **Awards/Activities:** Integrated Mathematics and Statistic Symposium (IMASS) (2024), Game of Though Leader - Pathum young care (2023)