

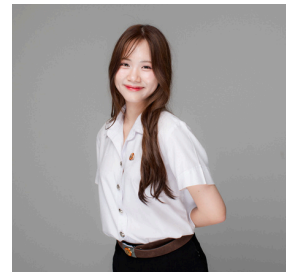
Praewa Prasatthai

🌐 Portfolio: beamoow.wordpress.com

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ABOUT ME

Fresh graduate with a B.Sc. in Data Science and Innovation from Thammasat University, with a strong foundation in big data and a long-standing passion for data science. Known for being highly responsible and punctual, with a proven ability to deliver high-quality work on time. Demonstrated track record of applying data science concepts to real-world challenges.

EDUCATION [Link](#)

Thammasat University

Aug 2021 - May 2025

- Bachelor Degree of Science Program in Data Science and Innovation
- GPAX 3.76 | [Transcript](#)

WORK EXPERIENCE

Kasikorn Business Technology Group (KBTG)

Research Engineer (AI Research, Document team) — Internship [Link](#)

June - August 2024

- Developed and optimized the Document Understanding Transformer (Donut) project, integrating SynthDoG technique to generate synthetic datasets.
- Achieved first place winner for pitching the Donut project at KBTG's Networking and Demo Day.

Research Engineer (AI Research, Car AI team) — Apprentice [Link](#)

Jan - Sep 2025

- Developed a CNN model to classify car part damage into minor, moderate, and severe levels, achieving 91% accuracy to streamline insurance claim processes and reduce manual workload.
- Collaborated with the Data Scientist (Asset Intelligence) team on the Pipek Land valuation model using geospatial data; supported pairing logic and maintained preprocessing pipelines across Thai provinces for accurate land price assessment.

PERSONAL PROJECTS

Machine Learning - Kaggle

- **Plant Seedlings Classification** : Determine a plant's species with different image recognition techniques, using the TensorFlow & Keras libraries in Python to create a Convolutional Neural Network model. [Link](#)
- **Binary Classification with a Software Defects Dataset** : Predict defects in C programs by applying feature engineering techniques within a pipeline. Then, create a binary classification model and evaluate the model using the AUC score. [Link](#)
- **Speech Recognition** : Developed machine learning models to convert speech audio into text, focusing on audio preprocessing, feature extraction, and deep learning to enhance transcription accuracy. [Link](#)

Baseball-MLB Analytics

- Identify key features that contribute to winning baseball games by scraping data from websites Baseball-Savant. Subsequently, apply feature importance techniques by using LighGBMRegressor. [Link](#)

Knowledge Based Systems

- Explored biodiversity across Thai wildlife sanctuaries using ontology and knowledge graphs, integrating species data, environmental factors, and human impact. Applied RAG techniques and aligned with SDG 15 to enable advanced reasoning for sustainable ecosystem management. [Link](#)

SKILLS

Hard Skills:

- Programming: Python, R, JavaScript, SQL, NoSQL
- Machine Learning, Deep Learning (Computer Vision, OCR, Gen AI, ...)
- Statistical Data Analysis
- Web development : Front-End & Back -End Coding, Django, React
- Spreadsheets: Excel, Google Sheets
- Data Visualization: Power BI, Tableau, Looker Studio

Soft Skills:

- Adaptability
- Open-Minded
- Teamwork
- Responsibility

CERTIFICATIONS

- DataRockie : [Certified Professional Data Analyst](#)
- Google Analytics Academy : [Introduction to Data Studio](#)
- FutureSkill : [Data Science for everyone](#) , [UpSkill Python Programming](#)

CLUB & SOCIETY

GDSC at Thammasat University

- Technical team member of Google Developer Student Club

Nov 2022 - May 2023