

# TAS SUKASTID

## Data Scientist - Data Analyst

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### SUMMARY

I am a student at the Faculty of ICT, specializing in data science and artificial intelligence. My interests include Machine Learning, Deep Learning, and Data Analytics, focusing on applying these techniques to solve real-world problems and extract valuable insights from data.

### EDUCATION

#### Bachelor of Science in Digital Science and Technology

##### Mahidol university

2023 - Present Faculty of Information and Communication Technology

### PROJECTS

#### DevOps Web Ordering System - Food Store

08/2025

- Developed the backend for a food ordering platform using Spring Boot, supporting menu management, order workflows, and user/admin operations.
- Implemented a CI/CD pipeline with Jenkins, containerized the application with Docker, and added unit tests to ensure reliable builds and continuous delivery.

#### Mobile Application - MoneyQuest

01/2025

- Designed and implemented a mobile application for personal finance and savings management.
- Enabled users to track income, expenses, and savings goals with a clean, intuitive interface.

#### Internet of Things - Smart Barrier System

08/2025

- Built a prototype smart gate system using RFID and motion sensors.
- Integrated ESP32 microcontroller to automate barrier control, demonstrating IoT connectivity and real-time access management.

#### Rainfall Estimation from Satellite Images (Rainfall Classification)

06/2025

- Explored different encoder architectures and model configurations in U-Net++ to identify the most effective spatial feature extractor.
- Integrated LSTM for temporal sequence analysis to improve prediction consistency.
- Performed multiple training experiments, parameter tuning, and model evaluations to achieve the best classification accuracy.

#### Real Estate Market Analytics - DDproperty

01/2025

Real Estate Market Analytics - DDproperty

- Cleaned and transformed DDproperty real-estate data using Alteryx, preparing structured and analysis-ready datasets.
- Built scenario-based analyses to evaluate pricing trends, area demand, competitive positions, and agent performance.
- Created interactive Power BI dashboards with custom DAX to visualize insights and support strategic decision-making.

### EXPERIENCE

#### Laboratory Assistant

##### Faculty of ICT

2024 - Present

Faculty of Information and Communication Technology

- Developed and delivered Python programming tutorials to students
- Enhanced students' understanding of programming concepts and applications

#### Research Assistant Internship

##### Department of CSIE

06/2025 - 07/2025 Taiwan

- Supported research on rainfall estimation from satellite images using U-Net++ and LSTM deep learning models for spatiotemporal prediction
- Collaborated with graduate researchers on result analysis and manuscript preparation

### SKILLS

#### Programming Languages

Python

JAVA

JavaScript

SQL

#### Machine Learning

TensorFlow

Keras

PyTorch

#### Data Analysis

PowerBI

Alteryx

#### Soft Skills

Critical thinking

Teamwork

Time management

Leadership

### TRAINING / COURSES

#### AWS - Cloud Foundation

#### AWS - Cloud Development