





Somchai Kradingthong


I began my career as a Civil and Structural Engineer and have transitioned into self-taught roles as a Machine Learning Engineer and Artificial Intelligence Engineer. With a strong foundation in machine learning and deep learning, I am eager to solve complex problems, contribute innovative solutions in business and industry, and stay motivated by learning cutting-edge technologies to continuously improve myself.


 sencesco.github.io/MyBlog (portfolio & ML blog)

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 Nonthaburi, Thailand

EXPERIENCE

Oct 2023 – present	Machine Learning Engineer Artificial Intelligence Engineer, Self-Taught <ul style="list-style-type: none">Applied a strong foundation in data analysis, gained from Civil and Structural Engineering.Developed hands-on expertise in ML and DL such as Dog Breed Prediction, Housing Price Prediction.Utilized tools such as TensorFlow, Keras, and Scikit-learn with Python to solve real-world problems.Built and deployed AI-powered solutions from ML models on cloud such as vercel.Continuously stay updated on cutting-edge technologies such as computer vision, NLP, generative AI,
Apr 2018 – Jul 2023	Structural Engineer, THAI KAJIMA CO., LTD., Bangkok, Thailand <ul style="list-style-type: none">Analyzed data to support data-driven, decision-making for enabling effective planning, solving a complex problems, structural desing & analysis, business cost computation and project management.Applied advanced mathematical and physics modeling with 3D simulation to structural design and analysis.Collaborated in teams to solve complex engineering problems, developing strong analytical, critical thinking and problem-solving skills.
May 2016 – May 2017	Site Engineer, Supalai Public Company Limited., Bangkok, Thailand <ul style="list-style-type: none">High-rise building planning, monitoring, collaboration, construction control and management.Analyzed data to support data-driven, decision-making for enabling effective planning, solving a complex problems, business cost computation and managment.Collaborated in teams to solve complex engineering problems, developing strong analytical, critical thinking and problem-solving skills.

EDUCATION

June 2011 - May 2015	B.Eng.In Civil Engineering, Kasetsart University (KU), Thailand, 2.47 GPA
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SKILL

Languages	English (B1), Thai (native)
Programmings	Python, SQL, HTML, CSS, JavaScript, ruby, bat script and bash script.
Libraries & Frameworks	Pandas, Numpy, Scipy, Matplotlib, Seaborn, Scikit-Learn, XGBoost, CatBoost, LightGBM, Tensorflow, Keras, PyTorch, OpenCV, Tkinter, Flask, Jekyll, Streamlit. Express.js and Node.js
Toolings	VSCode, Jupyter notebook, Google Colab, Git, SQLite, MongoDB, ChatGPT, Gemini, and Claude

PROJECT

Sep 2024 – present	MyBlog , This is my porfolio and blog of explores AI, ML, DL, and all the things that I do.
Jan 2024 (Dec 2024)	Instagram visits clustering with K-means , Clustering of Instagram visits with K-means,
Dec 2024	Housing Price Prediction with Deep Learning , Predicting house price using deep learning model with tensorflow and keras.
Nov 2024 - Dec 2024	Housing Price Prediction , Predicting house price advance regression technique using stacking and blending a model. Placed top-3% in the Kaggle competition.
Feb 2024 (Oct 2024)	Dog Breed Prediction , Predicting dog breed from images using deep learning model with tensorflow and keras.

CERTIFICATES

Feb 2024	Master Reinforcement Learning and Deep RL with Python , Showed strong foundation of RL.
Jan 2024	MACHINE LEARNING MASTER CLASS, AI MADE EASY (Zero to Hero!!) , Showed strong foundation of ML.
Dec 2023	Data Science & Machine Learning(Theory+Projects)A-Z 90 HOURS , Showed strong foundation of ML, DL.

Military Status: Exempted through Military Drawing Ballot in April 5, 2016