Patcharapol Yasamut

MY PROFILE

I am a Master's degree student in Data Science who loves coding, data, math, and business. I am excited to embark on a real-life project. I am a confident dedicated and eager worker. I am also friendly with strong teamwork and leadership abilities

SKILLS

Python*(Sci-Kit Learn, Tensorflow, Plotly)*
SQL
Tableau, Power BI
Data Preprocessing
Data Analysis
Data Mining
Machine Learning, Deep Learning
Time Series Forecasting

CERTIFICATE

Coursera
- TensorFlow: Advanced Techniques Specialization
- DeepLearning.AI TensorFlow Developer Specialization
- IBM Data Analyst Specialization
- Google Cloud Big Data and Machine Learning Fundamentals

LANGAUGE

English **-** Intermediate (TOEIC: 730)

CONTACT

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Github: github.com/rsv141295022

WORK EXPERIENCE

6 Months Internship
Coal Fired Power Plant, Lampang (May - November 2018)
- Used Excel to evaluate performance of the electrostatic precipitator and air flow rate of coal-fired boilers
- Used Excel to analyze VSD inverter installation possibility and to evaluate new cooling tower performance
- Potential 4.8 million baht of savings per year, after initial 1.56 years installation period cost
- Potential efficiency rating of 96.85%

ACADEMIC PROJECT

Development of the Buildings Electricity Consumption Forecasting Models on a College Campus-Scale based on Machine-learning Approaches (August 2021 - Present) (Python)
- Integrate data from multiple sources (smart meters and weather website) and manipulate data so that all time stamps are the same
- Handle outliers and impute missing values
- Perform data visualization and explore data to discover patterns, trends, and seasonality.
- Cluster electricity consumption patterns into groups
- Forecast electricity consumption using machine learning models and statistical models

EDUCATION

Chiang Mai University / Master of Science
Data Science, GPA 3.18
August 2020 - Present (expected to graduate in July 2022)

Chiang Mai University / Bachelor of Engineering
Mechanical Engineering (International Program)
2015 – 2019