Phuvadol Worabutr

Contact

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50/413 Moo 5, Nong Phrao Ngai Road, Pruksa 3 Village, Soi 61, Bang Khu Rat Sub-district, Bang Bua Thong District, Nonthaburi Province, 11110.

Education

2563 - 2566	Rajamangala University of Technology Suvarnabhumi Faculty of Science and Technology Major in Data Science Management GPA 3.26
2559 - 2562	Pramaesakolsongkroh school Sciences and Mathematics Program

Skills

Programming Language
- Python (Pandas , Numpy , Scikit-learn ,TensorFlow , Matplotlib) (Good)
- C# (Good)
- Golang (Fair)

Database
- SQL (Good)
- PL/SQL (Fair)

Web Developer
- HTML & CSS (Fair)
- JavaScript (Fair)

Tool
- Microsoft Office
- Rapidminer
- Visual Studio Code
- Visual Studio 2022
- Google Colab
- Jupyter Notebook

Database
- Microsoft SQL Server
- MySQL
- SQL Developer

Data Visualization
- Power BI (DAX)
- Looker Studio

Position of interest

Data Science | Data Analysis | Data Engineer | Machine Learning Engineer

Internship / Internship Project

2566 - 2567

A-HOST Co., Ltd.

Position: Assistant Data Analytics Professional Duration: 4 months

Assigned work

- SIT Reconcile verifies the accuracy of the information
- Search for data to trace its origins from Macro , then compile it into a document to serve as a guide for pipeline implementation.
- Create script for extract Json fromat files with Python
- ETL Create C# Script on Azure Functions for transform data to csv format files with C#

PROJECT

2566

Gold Price Prediction Using Machine Learning on Flattened Time Series Data

Objective

To design, develop, and test a daily gold price forecasting model and analyze the performance of the model as well as compare the performance of various gold price prediction models using 10 years of historical data from either เว็บทองคำ.com or the Gold Trade Association. The data will be divided into three parts: 7-day, 14-day, and 30-day historical periods.

Algorithm

- Decision Tree Regression
- Random Forest Regression
- Artificial Neural Network
- Linear Regression
- Lasso Regression

Tools for conducting the project

Microsoft Excel, Python, Google Colab, and libraries such as Scikit-Learn and TensorFlow

Test the models using

MAE, MSE, RMSE, and Baseline model. Then, create a trading model to evaluate profits to determine if the model with the lowest MAE, MSE, RMSE yields the highest profit or incurs the least loss.

Other work experience

2564 - 2565	**Admin at App YAMI** • Calculate the closing balance by using Microsoft Excel input data, perform data cleansing, and prepare the data
2563	**Musician at Entertainment venues** • Playing music in the middle of the night, guitar position.
2560	**Staff at Travel** • Staff leading tourists on guided tours, providing various services