

Nawaporn Pernmankhong

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Chatuchak, Bangkok, Thailand

[GitHub](#)



CERTIFICATIONS

- **Google Data Analytics** - Coursera
- **Data Science Bootcamp** - Datarockie
- **Intro to Data Studio** (Looker Studio) - Google Analytics Academy
- **Correlation and Linear Regression** - Datarockie

SKILLS

- **Programming Language & tools:** SQL, R, Python (Pandas, Numpy)
- **Data visualization:** Tableau, Looker Studio, Power BI, R (ggplot2), Python (Matplotlib, Seaborn)
- **Spreadsheet:** Microsoft Excel, Google Sheets
- **Machine Learning:** Linear Regression model, Logistic Regression model, KNN model
- **Others:** Fundamental Statistics skill
- **Languages:** Native Thai, Fluent in English (TOEIC score: 935)

WORK EXPERIENCE

ExxonMobil

Sep 2022 - Nov 2023

Contractor Data Management System Coordinator

- Provided daily, weekly, and monthly monitoring and generated reports for stakeholders using Microsoft Excel.
- Managed contractors' time and billing data, ensuring accuracy before transferring it to the SAP system for payment processing.
- Maintained daily compliance of systems and ensured vendors adhered to contracts and schedules on a daily basis, and fulfilled all audit requirements.
- Addressed related inquiries and issues and resolving any disputes that arose between systems.

PROJECTS (FULL PORTFOLIO AT [GITHUB](#))

Recommendation System using Python

Created an interactive movie recommendation system for users.

- Implemented a movie search engine in Jupyter Notebooks with IPywidgets for user interaction.
- Built a movie recommender system using collaborative filtering for user-based recommendations.
- The platform allows users to enter a movie title and receive personalized recommendations for similar films.

Sales Forecast with Linear Regression Model

Created and trained model to predict monthly sales based on historical sales data.

- Split data into training and testing sets then performed min-max scaling before training with Linear Regression model.
- Evaluated model's performance using MSE, MAE, and R2, along with visualization comparing actual and predicted sales.

Covid - 19 Data Exploration using SQL and Tableau

Uncovered patterns in Covid deaths and vaccinations using data exploration and visualized it in Tableau.

- Identified the two dataset to look for the primary key and foreign keys that connect it.
- Leveraged complex SQL joins and subqueries to identify patterns within the data and examined data for missing values.
- Created a visual dashboard that showcased the percentage of people infected by countries and continents

EDUCATION

Thammasat University

Bachelor of Arts 2018 - 2022

Major in English

GPA: 3.54 (First Class Honors)