SENG Lay

4th Year Student | Data Science

Location: Phnom Penh, Cambodia
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Core Skills

- Python
- Database
- Statistics

- Numpy and Pandas
- Scikit Learn
- R

- Machine Learning

- Languages: English *(Intermediate)* and **French** *(Elementary)*

Project

Job Analysis - Salary Prediction - Institute of Technology of Cambodia   Jul 2023

- The individual employed web scraping for data collection, conducted comprehensive data exploration, pre-processing, and visualization. Performing Exploratory Data Analysis (EDA) and feature engineering, implemented classification models (KNN, SVM, Gradient Boosting), and hosted the project on Streamlit for interactive exploration.

SBA Loan Prediction - Institute of Technology of Cambodia   Jun 2023

- **SBA** (Small Business Administration) Loan Prediction, Conducted thorough data analysis, including exploration, cleaning, and visualization, performed Exploratory Data Analysis (EDA) to understand data structure, and applied Logistic Regression for predictive modeling.

Certifications

SQL and Relational Databases 101 by IBM - cognitiveclass.ai   Nov 2023

Generative AI for Everyone - Coursera   Dec 2023

2023 UNESCO UNITWIN Data Analytics Camp - TK Meeting Center   Feb 2023

2023 Data Science Camp (Standard Level) - TK Meeting Center   Aug 2023

2023 Data Science Camp (Intermediate Level) - TK Meeting Center   Feb 2023

Experience

Internship Program - Ministry of Labour and Vacational Training   14th Aug - 29th Sep, 2023

- Automated data extraction from specific websites (Domestic and International).
- Conducted Data Exploration and Pre-processing.
- Performed Exploratory Data Analysis (EDA).
- Stored processed data in a database.
- Implemented Data Visualization using a Streamlit app.

IT Support Volunteer, CAMSOC - Morodok Techo Stadium, Phnom Penh   5th - 17th, May 2023

- Data Entry (Accreditation Center)

Education

Engineering Degree of Data Science - Institute of Technology of Cambodia   2020 - Current

High School Baccalaureate - Hun Sen Krong Tep Nimith Pailin High School   2019 - 2020