

VUONG THIEU LUAN

DATA SCIENTIST



0918546868



10421035@student.vgu.edu.vn



<https://www.linkedin.com/in/luan2003/>

About Me

Entry data scientist major in performing data analysis, building predictive models, and communicating insights to stakeholders. Proficient in Python, SQL, and machine learning techniques. Demonstrated track record of driving business outcomes.

Projects

California Housing Analysis

- Data Preprocessing
- Data visualization
- Parameters Tunning
- Model Analysis
- Feature Combination
- Sampling
- Github: <https://github.com/Darkred69/California-Housing-Analysis>

Sales Analysis

- Exploratory Data Analysis
- Data Preprocessing
- Model Development
- Model Evaluation
- Data Visualization
- Github: <https://github.com/Darkred69/Sales-Analysis>

Education

The Vietnamese German University | 2021 - Present

Vietnam

Bachelor Degree of Science

The Frankfurt University of Applied Sciences | 2023 - 2024

Germany

Bachelor Degree of Science

Achievement

DAAD Scholarship to Germany

Germany

Association Data Scientists

Datacamp

MindX Data Analyst Course

MindX

Skills

- Python
- Exploratory Data Analysis
- Data Visualization
- Data Preprocessing
- Statistics
- Machine Learning
- SQL



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CONTACT



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SKILLS SUMMARY

- Python
- Exploratory Data Analysis
- Data Visualization
- Data Preprocessing
- Statistics
- Machine Learning
- SQL

EDUCATION

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Bachelor Degree of Science

Current GPA - 1.6

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PROJECTS

California Housing Analysis

- Data Preprocessing
- Data visualization for statistical analysis using Matplotlib
- Parameters Tuning
- Model Analysis
- Feature Combination
- Sampling
- Github: <https://github.com/Darkred69/California-Housing-Analysis>

Sales Project

- Exploratory Data Analysis with SQL
- Data Preprocessing and Cleaning
- Data Visualization using Power BI
- Github: <https://github.com/Darkred69/Sales-project>

Sales Insight Analysis

- Data Exploration using SQL
- ETL using DAX in PowerBI
- Build a Report in PowerBI
- Github: <https://github.com/Darkred69/Sales-Insight-Analysis>

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SKILLS SUMMARY

- EDA, ETL and Visualization with Python
- Statistics
- Machine Learning
- SQL
- Power BI and DAX

ACHIEVEMENTS

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MindX

EXPERIENCE

Internship - SSI | 7/2024 - 9/2024

- Stock analysis: HPG, HSG, VHM, VRE, SAB, VNM,...
- Market analysis: Steel Market
- Macro Report: Macro Economy of Vietnam in September (Currently working)
- Link: <https://github.com/Darkred69/Finance-Reports>

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DATA SCIENTIST

PROJECTS

California Housing Analysis

- Data Preprocessing by clearing all Null Values and handle text and categorical attributes
- Data visualization using histogram, scatterplot and heatmap
- Use stratified sampling to sample but keep the original proportions
- Feature Combination by create a CombinedAttributesAdder pipeline
- Parameters Tuning using Grid Search and RandomizeSearch on RandomForest and
- Model Analysis using Cross Validation technique for Decision Tree, SVR, RandomForest and Linear Regression
- Github: <https://github.com/Darkred69/California-Housing-Analysis>

Sales Project

- Exploratory Data Analysis with SQL
- Data Preprocessing and Cleaning by Fix Data type, drop unnecessary columns and fix duplicates values
- Data Visualization using Power BI
- Github: <https://github.com/Darkred69/Sales-project>

Sales Insight Analysis

- Data Exploration using SQL
- ETL using DAX in PowerBI
- Build a Report in PowerBI
- Github: <https://github.com/Darkred69/Sales-Insight-Analysis>

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SKILLS SUMMARY

- EDA with Python
- ETL with Python
- Visualization with Python and PowerBI
- Statistics
- Machine Learning using statsmodel, scikit-learn in Python
- SQL
- Power BI and DAX

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