



Dang Nguyen Quang Huy
Data Analyst

PROFILE

Male
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Linh Trung ward, aThu Duc City ,Ho Chi Minh City

SKILLS

MAIN SKILL

Programming Languages : Python, R
EDA and Visualization: Python (numpy ,pandas, seaborn ,matplotlib),Data Preprocessing ,Power BI,Excel
Machine Learning/Deep Learning: Python (scikit-learn ,tensorflow ,PyTorch), Regression , Clustering, Classification, NLP,Kaggle,Google Colab
Collection: BeautifulSoup, SSIS
Database:SQL Server,
Mathematics: Probability and Statistics, Linear Algebra
English: TOEIC 605 (8/2023)
Version Control:Git

OTHER SKILL

Streamlit, Flask framework, NET Framework,Ubuntu Desktop/ Server

STRENGTH

Hardworking, Teamwork, Planning, Creative

OBJECTIVE

Currently, as a third-year student, I aim to pursue a career as a Data Scientist or Data Analyst after graduation. My primary interest lies in processing diverse data types, with a particular passion for Natural Language Processing (NLP) and Generative AI. I aim to find insights from data to support data-driven decision-making

EDUCATION

Major: Data Engineering 2021 - 2025
School: Ho Chi Minh City University of Technology and Education
GPA : 8.6
Certificate - Coursera: Machine Learning Specialization (3/2024)
Certificate - English: TOEIC 605 (8/2023)

WORK EXPERIENCE

DATA ANALYST INTERN 1/7/2024 - 15/9/2024
VNA GROUP
Analyze factors affecting the distribution of poor/near poor households in Dak Nong province. From there, propose employment plans and poverty reduction policies:
• Data preprocessing
• Exploratory analysis and inferential analysis of factors affecting the distribution of poverty/near poverty in Dak Nong province
• Build dashboard reports
• Collect data and combine with relevant parties to propose solutions to reduce poverty in Dak Nong province

PROJECT

I.Project Name: Applying artificial neural networks to build models to analyze customer emotions based on comments and evaluation serves for determination business-related trends: (3/2024 - 5/2024)
Source: <https://github.com/ZeusCoderBE/NLP-clustering-word--Vietnamese-Sentiment-Analysis>
Team : 1 (Individual Project)
Description: This dataset is customer reviews, including ratings and comments, when purchasing phones at mobile world collected using Python's BeautifulSoup tool:
- I collected from the website <https://www.thegioididong.com/> and preprocessed the data
- I conducted exploratory analysis and inferential analysis to provide solutions for product improvement.
- I created reporting dashboards.
- I built models to analyze customer emotions through their comments using artificial neural networks and natural language processing techniques.

II.Project Name: Building The Recommender System through content filtering and collaborative filtering: (1/2024 - 3/2024)
Source: <https://github.com/ZeusCoderBE/Recommender-System>
Team : 1 (Individual Project)
Description: I implemented two recommendation algorithms such as Content Filtering and Collaborative Filtering.
1. Content Filtering:
- I created a vector representation for each movie using TF- IDF (item profiles).
- I trained a ridge regression model for each user to learn the weights (user profiles).
- I used item profiles and user profiles to predict and recommend movie ratings
2. Collaborative Filtering:
- I utilized two approaches: item-item and user-user.
- I calculated cosine similarity between items or users.
- I implemented a KNN model by selecting K similar users/items to predict rating scores

AWARDS

OUTSTANDING STUDENT SCHOLARSHIP IN THE FIELD OF STUDY 2023 - 2024
School: HCMUTE
That school year, I had the highest score in my major