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• Linh Trung ward, aThu Duc City, Ho Chi Minh City
SKILALS
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
STRENAGTH
Hardworking, Teamwork, Planning, Creative

Work Experience

DATA ANALYST INTERN

VNA GROUP
July 2024 to September 2024

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 sush 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 ridgae 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

Education

Data Engineering
Ho Chi Minh City University of Technology and Education
2021 to 2025

Certificate
Coursera
March 2024

Links

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