MARY VANG

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OBJECTIVE

Data analyst and business major with the desire to utilize skills and knowledge to help businesses make informed decisions through large datasets analyzation, identifying patterns, creating data visualizations, and developing machine learning models. Passionate to master new skills, problem solving, and take on new challenges.

SKILLS

Programming Languages and Database Management:
SQL • Python • VBA • HTML • CSS • JavaScript

Software Proficiency:
Word • Excel • PowerPoint • Tableau

Data Analysis • Verification and Testing • Statistical Analysis • Data Visualization • Attention to Detail • Forecasting and Planning • People Skills

EDUCATION

Associate of Science, Business Administration
Tulsa Community College (TCC)   **Expected: Dec 2023**

Certificate, Data Analytics
Tulsa Community College (TCC)   **Graduated: Apr 2023**

PROJECTS

Student Performance Predictions
- Role: Utilizing the preprocessed CSV file to develop machine learning models to predict student exam scores.
- Data Source: CSV file (100 row, student's exam scores and other features) generated by rocycekimmons.com/tools.
- Methods/Techniques: Python • Jupyter Notebook • Pandas • Numpy • Imblearn • Scikit-learn
- Results: Achieved machine learning models with an accuracy of 97-98% in predicting exam scores.

Crowdfunding ETL
- Role: Cleaning and transforming CSV files to create a database and storing the files' information into the database.
- Data Source: Campaign, Contacts, Category, and Subcategory CSV files generated by EdX.
- Methods/Techniques: Python • Jupyter Notebook • Pandas • SQL (PgAdmin4)
- Results: Development of a database that housed information about campaigns, contacts, categories, and subcategories based on the CSV files.

EXPERIENCE

Seamstress, Foam & Rubber   **August 2021 - January 2022**
- Sewed seat covers for buses with high attention to detail and quality.
- Able to work independently and manage time effectively to meet production deadlines.

Seamstress, Clear Edge Filtration Group   **March 2015 - June 2020**
- Collaborated with engineers to create detailed product drawings and instructions to ensure accuracy and quality.
- Sewed filter bags and belts with high attention to detail, meeting customer specifications and requirements.
- Cross trained and mentored many new sewers and co-workers, with strong leadership and communication skills.
- Inspected and packed orders with efficiency and accuracy, ensuring timely customer satisfaction.