MARY VANG

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OBJECTIVE

As a data analyst and business major, I aim to drive data-informed decision-making and help businesses achieve their goals by utilizing my skills and knowledge, strong worth ethic, adaptability, and excellent interpersonal skills, and adeptness at working effectively unsupervised and quickly mastering new skills.

SKILLS

Programming Languages and Database Management:
SQL • Python • VBA • MySQL • NOSQL • MS SQL • 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 Arts, Business Administration
Tulsa Community College (TCC) **Expected: Dec 2023**

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

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.
- Ability to read and interpret technical drawings and blueprints.

PROJECTS

Student Performance Predictions

- My role involved using the preprocessed CSV file with algorithms and techniques to create 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, which can help educators and students improve academic performance.

Crowdfunding ETL

- My role involved cleaning and transforming CSV files to create a database and storing the files' information into a 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.