MPHO MOKOMIRI EPHRAIM SHIANG

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SKILLS

- Machine Learning
- API Development
- PowerBI & Microsoft Excel
- Docker
- Javascript, CSS, HTML
- Python Programming Language
- SQL, MongoDB
- GitHub

EXPERIENCE AND PERSONAL PROJECTS

Exploratory Data Analysis

- Conducted EDA to find patterns and anomalies in fraud data.
- Used statistical techniques and tools (matplotlib, seaborn, pandas) to summarize fraud datasets.

Machine Learning Model Deployment

- Built and validated fraud detection models (logistic regression, decision trees, random forests, neural networks).
- Implemented algorithms like anomaly detection, clustering, and ensemble methods using scikit-learn, TensorFlow, and PyTorch.

Data Visualization

- Creating dashboards and reports to visualize data insights using tools such as Tableau, Power BI, or Plotly..

PERSONAL PROJECTS

Machine Learning Applications

- Live-Writing using camera with machine learning.

Tools used :

1. Python: Programming language.

2. TensorFlow/Keras: Model building and training.

3. Streamlit: Interactive web app.

- Control desktop using hand gesture using your camera with machine learning.

Tools used :

1. Python: Programming language.

2. MediaPipe: Hand tracking and gesture recognition. & CNN

3. Streamlit: Interactive web app