Project_4_Group_2

You will work with your group to solve, analyze, or visualize a problem using machine learning (ML) with the other technologies we've learned.

Here are the specific requirements:

Find a problem worth solving, analyzing, or visualizing. Use machine learning (ML) with the technologies we've learned. You must use Scikit-learn and/or another machine learning library. Your project must be powered by a dataset with at least 100 records. You must use at least two of the following:

Python Pandas Python Matplotlib HTML/CSS/Bootstrap JavaScript Plotly JavaScript Leaflet SQL Database MongoDB Database Google Cloud SQL Amazon AWS Tableau

Members:

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Project Intent:

Currency-Projector for global currency creates a model that predicts currency trends based on historical data. Use time-series analysis and explore techniques. Country Segmentation and Regional Analysis to segment currencies based on global behaviors and demographics. Use clustering algorithms like K-Means to group similar currencies and offer insights into global currency trends.

Methods/Techniques:

Data analysis - SKlearn Testing - SKlearn Creating documentation - Jupyter Notebook Creating the presentation – Tableau

Data sources:

Global Currency Historical Prices [Updated Daily] (kaggle.com)