ANALYSIS OF TRENDS IN AGRICULTURE AND DEVELOPMENTS IN CONSUMPTION OF PLANT-DERIVED FOODS.

With the ongoing pandemic and global warming conditions, more awareness is raising among us regarding vegetarian, vegan foods, and their benefits. People are moving more towards sustainable living and becoming more eco-friendly. This is changing the way we care for the land we live and the surrounding resources. The problem we now have is the management and regaining our land fertility, to increase farming. Farmers took a back step and moved to other industries because of no business in the agriculture and low harvest. Due to the increasing awareness of the vegetation, agriculture is slowly picking up. AI is being used to develop machines that would help in improving the farming and methods to increase the yield of the crop. With the consumption and harvest statistics, the trends can be determined and aid the farmers in producing certain crops in the respective consuming areas.

DATA REQUIREMENTS:

Dataset-1: https://www.kaggle.com/datafiniti/vegetarian-vegan-restaurants

This dataset has cuisines and restaurants that serve vegan or vegetarian foods. These places are sorted by the region and types of food most sold and the customer base.

Size: 24MB, CSV file

Dataset-2: https://www.kaggle.com/unitednations/global-food-agriculture-statistics

This dataset has the data of crops produced and harvested year wise and the yield statistics

Size: 7GB, 6 CSV files.

The test process would be, producing the data of foods and cuisines based on the majority sales of in an area. The training will be done using the dataset-1 and test using either user inputs or producing a data sheet.