Data Collection and Preprocessing Phase

Date	15 July 2024
Team ID	739737
Project Title	Crop Prediction using machine learning
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Template

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

Data Collection Plan Template

Section	Description
Project Overview	Machine Learning can help farmers to identify the more profitable crops to plant based on market demand and environmental factors.By analyzing historical market data and weather patterns,machine learning can predict the demand for different crops.
Data Collection Plan	Kaggle
Raw Data Sources Identified	N:Ratio of Nitrogen content in the soil P:Ratio of Phosphorous content in the soil K:Ratio of Potassium content in the soil

	Temperature:The temperature in degrees Celsius Humidity:Relative humidity in % Ph:ph value of the soil Rainfall:Rainfall in mm

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Dataset 1	The dataset consists single CSV file.This dataset is mainly concerning Indian climatic conditions.There are seven input features only one output features.	"C:\Users\prava\ Downloads\Crop_ recommendation. csv"	CSV	146KB	Public