

Data Collection and Preprocessing Phase

Date	28 November 2024
Team ID	739996
Project Title	Deep Fruit Veg: Automated Fruit And Veg Identification
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	<p>The Deep fruit veg project is aimed at developing a deep learning model for the automated identification of fruits and vegetables. The system will utilize computer vision techniques to accurately classify different fruits and vegetables from images. The project's objectives include:</p> <ul style="list-style-type: none"> Automated Sorting in Food Processing Plants Quality Control in Supermarkets Precision Agriculture
Data Collection Plan	<p>Public Datasets: Utilize existing open-source datasets containing labeled images of fruits and vegetables.</p> <p>“Kaggle”</p>
Raw Data Sources Identified	Kaggle Fruits and Vegetables Dataset

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Dataset 1	A collection of images of fruits and vegetables used in research and machine learning competitions	https://www.kaggle.com/datasets/yudhaislamisulisty/a/plants-type-datasets/data	Zip	900 mb	Public