

Data Collection and Preprocessing Phase

Date	15 March 2024
Team ID	SWTID1720080895
Project Title	Ripe-Sense: Mango Quality grading with image analysis and Deep 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	This project aims to revolutionize the mango industry by automating the grading process using advanced image analysis techniques and deep learning algorithms.
Data Collection Plan	In this project we have used images in .jpg format. This data is downloaded from kaggle.com
Raw Data Sources Identified	Mango Varieties Classification and Grading from Kaggle, <i>Rizwan Iqbal, Hafiz Muhammad ; Hakim, Ayesha (2021), "Mango Variety and Grading Dataset", Mendeley Data, V1, doi: 10.17632/5mc3s86982.1</i>

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Kaggle	This dataset contains images of eight varieties of Pakistani mangoes	https://www.kaggle.com/datasets/saurabhshahane/mango-varieties-classification/data	JPG	190 MB	Public