

Data Collection and Preprocessing Phase

Date	06 July 2024
Team ID	SWTID1720158583
Project Title	Vitamin Vision: Unveiling The Spectrum Of Nutrient Detection
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Template

Data Collection Plan Template

Section	Description
Project Overview	Vitamin Vision:Unveiling the spectrum of nutrient detection.The project focuses on utilizing advanced analytical techniques and technologies to accurately identify and quantify the presence of various vitamins in samples such as food, supplements, and biological fluid.
Data Collection Plan	<ul style="list-style-type: none"> • Search for datasets related to nutritious food with corresponding nutrients • The "Vitamin Vision" project will require several types of datasets to support its various applications in quality control, nutritional research, and regulatory compliance
Raw Data Sources Identified	Raw data has been sourced from Kaggle which is a popular site for data science competitions. The provided sample data represents a subset of collected information like type of nutrient

Raw Data Sources Template

Source Name	Dataset description	Location/URL	Format	Size	Access Permissions
Kaggle Dataset	The dataset comprises of images of nutritional food items along with the type of nutrient present in them	https://www.kaggle.com/code/allulucky27/vitamin-detection	CSV	86.07 MB	Public