### AI-powered Nutrition Analyzer for Fitness Enthusiasts

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Project Objectives

* Know fundamental concepts and techniques of Convolutional Neural Network.
* Knowhow to pre-process/clean the data using different data preprocessing techniques.
* Gain a broad understanding of image data.
* Know how to build a web application using the Flask framework.
* The user can capture the images of different fruits and then the image will be sent the trained model.
* To building a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc.