AI-powered Nutrition Analyzer for Fitness Enthusiasts

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Team ID	PNT2022TMID23697
Project	AI Powered Nutrition Analyzer for Fitness Enthusiasts

OBJECTIVE:

Food is the basic need for human survival and it focuses many of the medical inventions. Modern dietary valuation and nutrition analysis give consumers more possible actions to explore nutritional patterns, comprehend their day by day eating habits, and maintain a balanced diet. Data about the chemical make-up, processing, quality assurance, and taint of food is a crucialcomponent of analytical chemistry.

The main objective is to create a sorting system for fruits based on their color, shape, and texture. Here, users can take pictures of fruits, which are later uploaded to a trained algorithm for analysis. The model analyze the image and it detects the nutrition based on the fruits like Sugar, Fiber, Protein, Calories, etc.,