

Detailed Input and Output Report with Table

The objective of this code is to create a Food Recommendation System that suggests suitable foods based on a user's health conditions, dietary preferences, nutrient deficiencies, and health goals. The system consolidates and cleans data, categorizes foods as vegetarian or non-vegetarian, and applies custom filtering criteria for specific diseases, nutrient needs, and goals like muscle gain or weight loss. It then displays recommendations and visualizations of nutrient levels in suggested foods.

Team Members:

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User Inputs:

- 1. Disease Condition: Diabetes
- 2. Dietary Preference: Vegetarian
- 3. Nutrient Deficiencies: Protein, Fiber, Vitamin C
- 4. Health Goal: Overall Health

Outputs:

- 1. Filtered list of foods based on the inputs.
- 2. Nutrient levels visualized in a bar plot.
- 3. Final recommendations tailored for health goals.

Tabulated Food Recommendations:

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Final Graph:

