

TEAM ID	PNT2022TMID02484
PROJECT TITLE	NUTRITON ASSISTANT APPLICATION
DOMAIN	CLOUD

## INTEGRATE NUTRITION API:

There is a webpage link in the IBM project workspace that may be used to register for a Nutrition API account. Using those resources, we have already registered for a Nutrition API account.

The screenshot displays the RapidAPI interface for the 'Recipe - Food - Nutrition' API. The top navigation bar includes links for 'My Orgs', 'API Hub', 'My Apps', 'My APIs', and 'Docs'. The API details section shows a popularity score of 9.9/10, a latency of 685ms, and a service level of 100%. The documentation section describes the API's capabilities, including searching for recipes, estimating costs, and visualizing ingredient lists. A sidebar on the left lists various endpoints, with 'Search Recipes' selected. The main content area shows a search endpoint with a 'Subscribe to Test' button and a 'Personal Account' dropdown. The 'Code Snippets' section on the right provides a JavaScript example using Axios to make a GET request to the API.

**Recipe - Food - Nutrition API Documentation**

The spoonacular Recipe - Food - Nutrition API gives you access to thousands of recipes, storebought packaged foods, and chain restaurant menu items. Our food ontology and semantic recipe search engine makes it possible to search for recipes using natural language queries, such as "gluten free brownies without sugar" or "low fat vegan cupcakes." You can automatically calculate the nutritional information for any recipe, estimate recipe costs, visualize ingredient lists, find recipes for what's in your fridge, find recipes based on special diets, nutritional requirements, or favorite ingredients, classify recipes into types and cuisines, convert ingredient amounts, or even compute an entire meal plan. With our powerful API, you can create many kinds of food and nutrition apps.

Special diets/dietary requirements currently available include: vegan, vegetarian, pescetarian, gluten free, grain free, dairy free, high protein, low sodium, low carb, Paleo, Primal, ketogenic, and more.

**Search endpoints**

- Recipes
  - Search Recipes
  - Search Recipes (Deprecated)
  - Search Recipes Complex (Deprecated)
  - Search Recipes by Nutrients
  - Search Recipes by Ingredients

**GET Search Recipes** [Subscribe to Test](#)

Search through thousands of recipes using advanced filtering and ranking. NOTE: Since this method combines searching by query, by ingredients, and by nutrients into one endpoint, each request counts as 3 requests.

Personal Account: SUDHARSAN S

RapidAPI App: default-application\_6867678

**Code Snippets**

```
(Node.js) Axios Copy Code
const axios = require("axios");

const options = {
  method: 'GET',
  url: 'https://spoonacular-recipe-food-nutrition-v1.p.rapidapi.com/recipes/complexSearch',
  params: {
    query: 'pasta',
    cuisine: 'italian',
    excludeCuisine: 'greek',
  }
}
```