

Implementing Web Application

Integrate Nutrition API

Batch ID	B2-2M4E
Team ID	PNT2022TMID22530
Project Name	Nutrition Assistant Application


← → ↺

rapidapi.com/spoonacular/api/recipe-food-nutrition/

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Recipe - Food - Nutrition

FREEMIUM

Verified ✓

By David | Updated 24 days ago | Food | Featured in Food & Restaurant

🔗 Popularity

🕒 Latency

✓ Service Level

9.9 / 10

686ms

100%

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Recipe - Food - Nutrition API Documentation

The spoonacular Recipe - Food - Nutrition API gives you to 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

GET Search Recipes

GET Search Recipes (Deprecated)

GET Search Recipes Complex (Deprecated)

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.

Code Snippets

Results

(Python) http.client ▾ 🔗 Copy Code

```
import http.client

conn = http.client.HTTPSConnection("spoonacular-recipe-food-nutrition-v1.p.rapidapi.com")

headers = {
  'X-RapidAPI-Key': "e6fb0b21e8msh49862b1ee17ee07pleb173jsn2169ac2c39fe",
```

```
Integrating_Nutrition_API_With_Python.py - D:\IBM Project\New folder (2)\Integrating_Nutriti...
File Edit Format Run Options Window Help

import http.client

conn = http.client.HTTPSConnection("calorieninjas.p.rapidapi.com")

headers = {
    'X-RapidAPI-Key': "e6fb0b21e8msh49862bleel7ee07pleb173jsn2169ac2c39fe",
    'X-RapidAPI-Host': "calorieninjas.p.rapidapi.com"
}

conn.request("GET", "/v1/nutrition?query=rice", headers=headers)

res = conn.getresponse()
data = res.read()

print(data.decode("utf-8"))

Ln: 15 Col: 27

IDLE Shell 3.10.4
File Edit Shell Debug Options Window Help

Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bi
t (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>>
= RESTART: D:\IBM Project\New folder (2)\Integrating_Nutrition_API_With_Pytho
n.py
{"items": [{"sugar_g": 0.1, "fiber_g": 0.4, "serving_size_g": 100.0, "sodium_
mg": 1, "name": "rice", "potassium_mg": 42, "fat_saturated_g": 0.1, "fat_tota
l_g": 0.3, "calories": 127.4, "cholesterol_mg": 0, "protein_g": 2.7, "carbohy
drates_total_g": 28.4}]}

>>>
= RESTART: D:\IBM Project\New folder (2)\Integrating_Nutrition_API_With_Pytho
n.py
{"items": [{"sugar_g": 0.1, "fiber_g": 0.4, "serving_size_g": 100.0, "sodium_
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l_g": 0.3, "calories": 127.4, "cholesterol_mg": 0, "protein_g": 2.7, "carbohy
drates_total_g": 28.4}]}

>>>
```