

Setting Up Application Environment

Nutrition API Account Creation

Team ID	PNT2022TMID01742
Project Name	Nutrition Assistant Application

1. Created an account in Nutrition API

The screenshot shows the RapidAPI website interface. At the top, there's a navigation bar with the RapidAPI logo, a search bar, and links for 'My Orgs', 'API Hub', 'My Apps', 'My APIs', 'Docs', and a user profile icon. The user profile icon is open, showing the user's name 'Jeevas123', email 'jeyanth.ec19@bitsathy.ac.in', and options for 'Settings', 'Saved APIs', 'Profile', and 'Log Out'. Below the navigation bar, there's a sidebar with categories like 'Tools', 'Text Analysis', 'Weather', 'Gaming', 'SMS', 'Events', 'Health and Fitness', and 'Payments'. The main content area displays a list of APIs. The first row includes 'API-FOOTBALL', 'VACCCOVID - coronavirus, vaccine and treatment tracker', 'SendGrid', and 'Referential'. Below this, there's a section for 'Popular APIs' with a description: 'APIs that are popular and frequently used on RapidAPI!'. This section shows 'Recipe - Food - Nutrition', 'uNoGS', 'Bionic Reading', and 'Trip Purpose Prediction'. The 'Trip Purpose Prediction' API is highlighted with a tooltip showing its endpoint 'GET getTripPurposePrediction' and a description 'Predict whether a trip is for business or lei...'. At the bottom, there's a section for 'Free Public APIs for Developers' with a description: 'If you're new to RapidAPI, this collection is a great place to start exploring APIs that are free to test, specifically updated for 2021.' This section shows 'Movie Database' and 'API-FOOTBALL'. The browser's address bar shows the URL 'https://rapidapi.com/amadeus-for-developers-amadeus-for-developers-default/api/trip-purpose-prediction2/'. The Windows taskbar at the bottom shows the system clock as 16:49 on 20-11-2022, and the weather as 30°C Mostly sunny.

RapidAPI Search for APIs / My Orgs API Hub My Apps My APIs Docs J

Tools
Text Analysis
Weather
Gaming
SMS
Events
Health and Fitness
Payments
View All Categories

API-FOOTBALL
+950 football leagues & cups. Livescore (15s), live & pre-match odds, events, line-ups, coaches, players,
Verified ✓
10 355 ms 100%

VACCCOVID - coronavirus, vaccine and treatment tracker
VACCCOVID.LIVE is a comprehensive up-to-date Vaccine tracker, COVID-19
Verified ✓ Official
9.8 663 ms 100%

SendGrid
Welcome to SendGrid's Web API v3! This API is RESTful, fully featured, and easy to integrate with.
Verified ✓ Official
9.8 289 ms 100%

Referential
The fastest API to a countries, states, ci continents, dial and codes in up to 20
Verified ✓
9.8 38 ms

Jeevas123
jeyanth.ec19@bitsathy.ac.in
Settings
Saved APIs
Profile
Log Out
VIEW ALL

Popular APIs
APIs that are popular and frequently used on RapidAPI!

Recipe - Food - Nutrition
The spoonacular Recipe - Food - Nutrition API gives you to access to thousands
Verified ✓
9.9 664 ms 100%

uNoGS
uNoGS (unofficial Netflix online Global Search) allows anyone to search the global Netflix catalog.
Verified ✓
9.8 8,324 ms 93%

Bionic Reading
GET getTripPurposePrediction
Predict whether a trip is for business or lei...
Transportation Verified ✓ FREEMIUM
9.5 1,253 ms 93%

Trip Purpose Prediction
Understand the reason for a trip with Amadeus AI APIs. The Trip Purpose Prediction API uses AI
Verified ✓
8.8 192 ms 100%

Free Public APIs for Developers
If you're new to RapidAPI, this collection is a great place to start exploring APIs that are free to test, specifically updated for 2021.

Movie Database


API-FOOTBALL

https://rapidapi.com/amadeus-for-developers-amadeus-for-developers-default/api/trip-purpose-prediction2/

Type here to search

30°C Mostly sunny 16:49 20-11-2022

2. Nutrition API Page



Search for APIs

My Orgs API Hub My Apps My APIs Docs

Recipe - Food - Nutrition FREEMIUM Verified

Endpoints About Tutorials Discussions Pricing

GET Search Recipes Complex (Deprecated)

GET Search Recipes by Nutrients

GET Search Recipes by Ingredients

GET Get Recipe Information

GET Get Recipe Information Bulk

GET Get Similar Recipes

GET Get Random Recipes

GET Autocomplete Recipe Search

GET Taste by ID

GET Equipment by ID

GET Price Breakdown by ID

GET Ingredients by ID

GET Nutrition by ID

GET Get Analyzed Recipe Instructions

GET Extract Recipe from Website

POST Analyze Recipe

GET Summarize Recipe

Request URL

rapidapi.com

REQUIRED

Header Parameters

X-RapidAPI-Key

74ebe56fc5msh12fd22070670050p1a5748jsn11e31

ENUM

REQUIRED

X-RapidAPI-Host

spoonacular-recipe-food-nutrition-v1.p.rapidapi.com

STRING

REQUIRED

Required Parameters

query

pasta

STRING

REQUIRED

The recipe search query.

Optional Parameters

cuisine

...

```
method: 'GET',
url: 'https://spoonacular-recipe-food-nutrition-v1.p.rapidapi.com/recipes/complexSearch',
params: {
  query: 'pasta',
  cuisine: 'italian',
  excludeCuisine: 'greek',
  diet: 'vegetarian',
  intolerances: 'gluten',
  equipment: 'pan',
  includeIngredients: 'tomato,cheese',
  excludeIngredients: 'eggs',
  type: 'main course',
  instructionsRequired: 'true',
  fillIngredients: 'false',
  addRecipeInformation: 'false',
  titleMatch: 'Crock Pot',
  maxReadyTime: '20',
  ignorePantry: 'true',
  sort: 'calories',
  sortDirection: 'asc',
  minCarbs: '10',
  maxCarbs: '100',
  minProtein: '10',
  maxProtein: '100',
  minCalories: '50',
  maxCalories: '800',
  minFat: '10',
  maxFat: '100',
  minAlcohol: '0',
  maxAlcohol: '100',
  minCaffeine: '0',
  maxCaffeine: '100',
  minCopper: '0',
  maxCopper: '100',
```