Food Nutrition API

There are **two** portions to this challenge: a **backend REST API** and a **frontend web application** that consumes the API.

Backend REST API

Prerequisites

- Use this file for the raw nutrition data
- *Python and Flask is preferred*, but you are free to also use Javascript and any JS framework.
- Provide a RESTful API to accommodate necessary functionality.
- Your solution should be robust and able to gracefully handle various conditions.
- Output format should be JSON.

User Story

As a user, I want to find foods with a combination of the following nutrients within a certain range.

Label	nutrient_id
Protein	203
Fat	204
Carbohydrate, by difference	205
Sugar	269

Example: a user should be able to call the API endpoint wanting to find foods *over 1 gram of protein and/or 2 grams of sugar*. The system should then *list out the foods* that *contain those properties*.

Specs

- Endpoint URL: **/foods**

Frontend Web Application

Prerequisites

- Create a user-friendly interface for your REST API.
- *React.js is preferred*, but you are free to use any front-end tech stack you'd like.

Bonus (optional)

Host your API and webapp so they are publically accessible! For free cloud hosting, we recommend using [Heroku](#).