

# Recipe recommendation Agent

December 16, 2025

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I MCA 2025

**Overview: An agent that suggests recipes based on available ingredients and past preferences, then generates shopping lists.**

Input:

- 1.Available ingredients
- 2.User preferences input
- 3.Past recipe interactions
- 4.Chat query input

Output:

- 1.Recipe recommendation
- 2.Shopping list
- 3.Ai Chat response
4. Meal plan

### Technical Stack:

Frontend: HTML + Tailwind CSS (CDN) + Vanilla JS

Backend: Flask (Python) - easiest web framework

AI: Claude API (just one API for everything!)

Database: JSON files or SQLite (no complex setup)

### Source Code:

<https://github.com/Madankk-06/Recipe-recommendation-agent> : Public repo link [Github]