

# Remy



hackaTUM 2023








Rūdolfs, Ernests, Margarita, Justus

# Curent state

- Fixed Set of Recipes
- Broad Categories

## 1. Choose your preferences

Your preferences help us show you the most relevant recipes first. You'll still have access to all recipes each week!

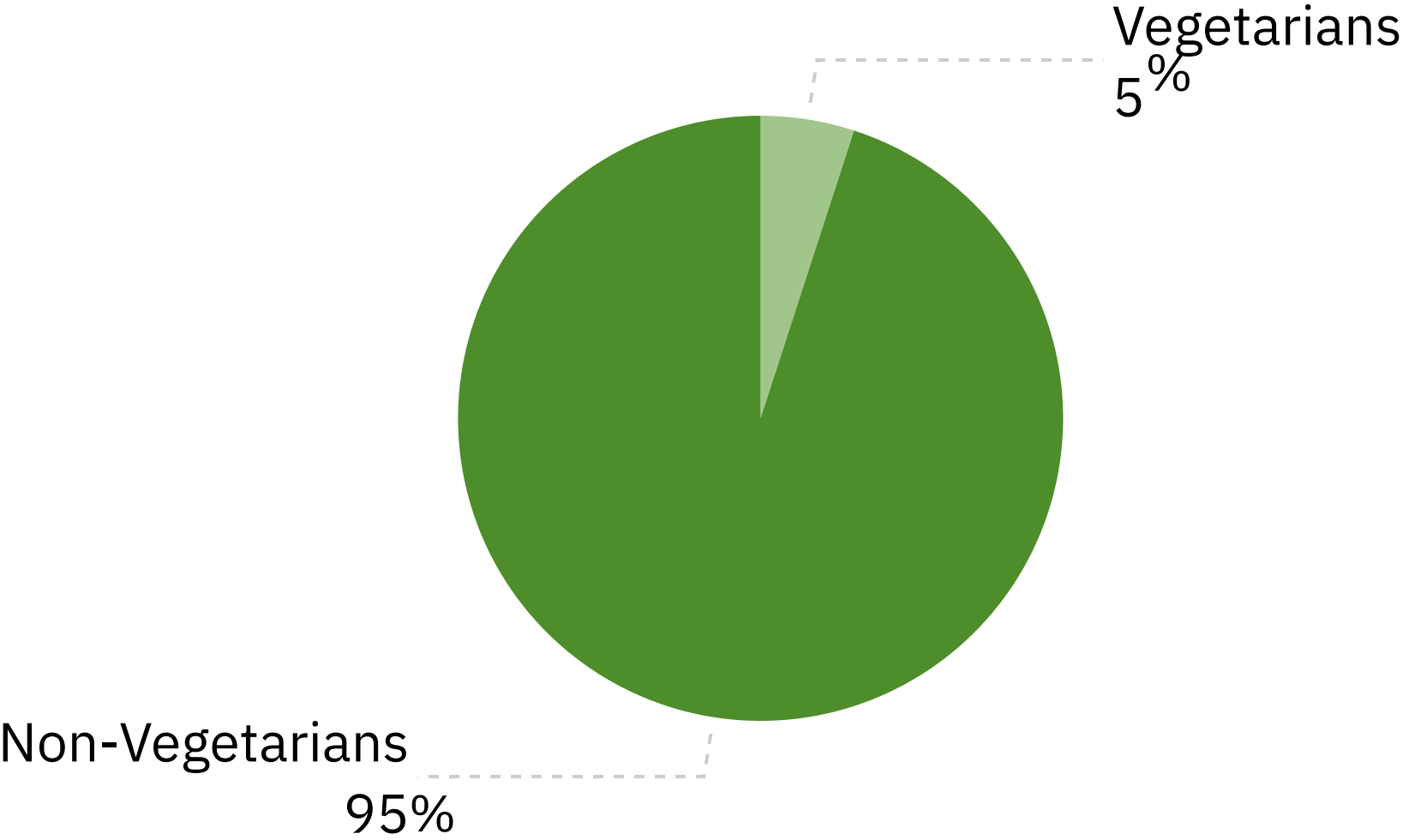
  Meat & Veggies	 Veggie
 Family Friendly	 Fit & Wholesome
 Quick & Easy	 Pescatarian

You'll be able to swap proteins and sides if they aren't a perfect match.

Establishing user Preferences during the Sign Up Process

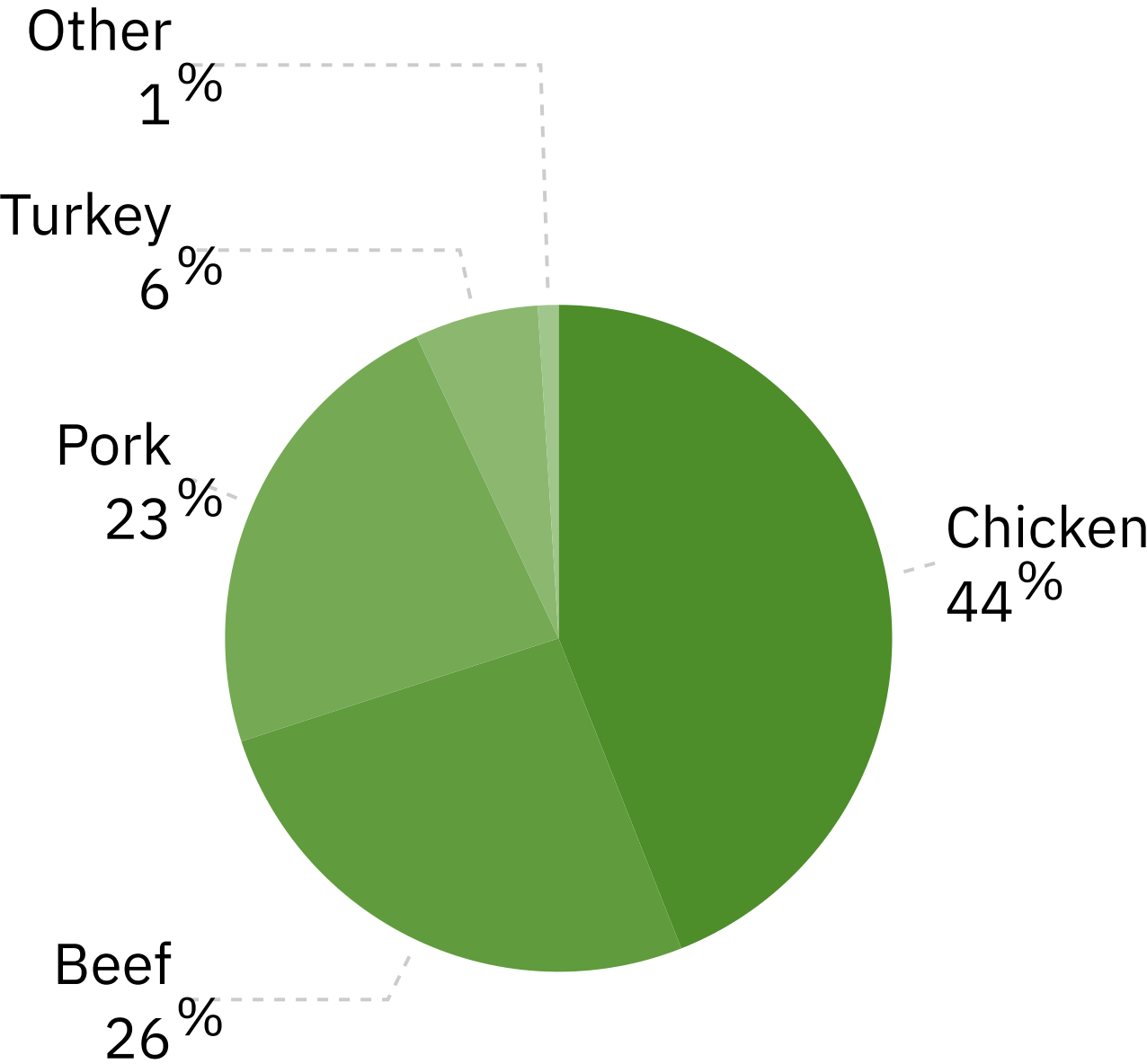
# Market Research

## Hard Filter



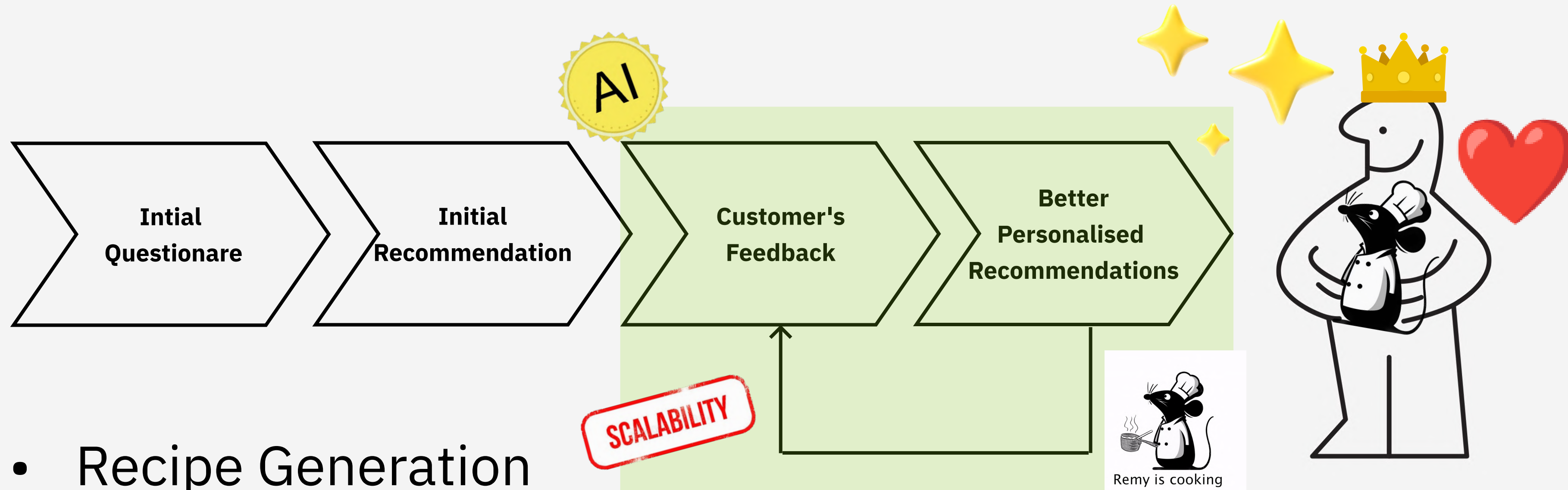
Percentage of vegetarians in the US  
Source: Gallup Polls ([news.gallup.com](https://news.gallup.com), 2023)

## Soft Preference

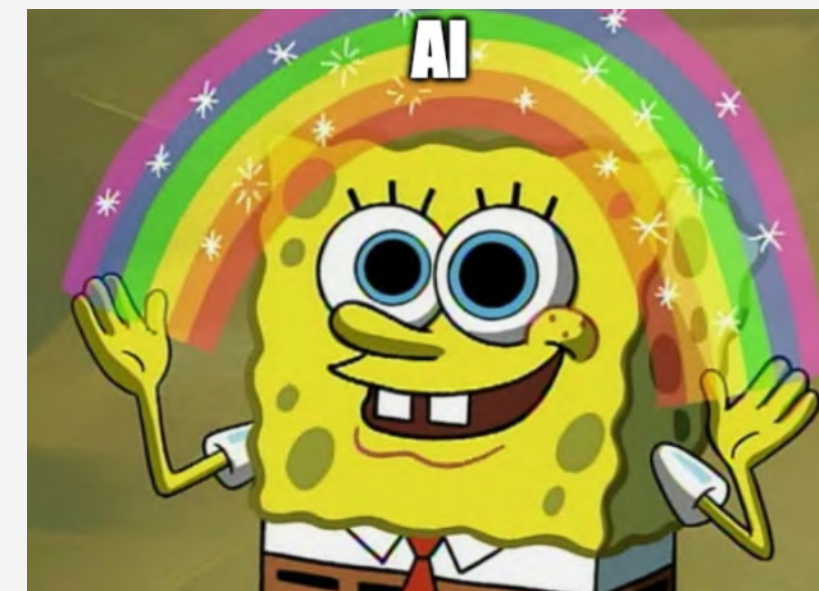


Meat consumption in the US by meat type (in percent)  
Source: Statista ([statista.com](https://statista.com), 2022)

# With Remy



- Recipe Generation
- Learning from Feedback
- Unique Taste, Skill, etc... Profile





# It's Remy Time!



# Short Recap

## User Onboarding

The user only has to answer two quick questions to start receiving recommendations

## Personalised Recipes

Remy takes the basic restrictions into account and uses machine learning to **generate** recipes

## Continuous Improvement

With each feedback, the user profile grows - creating unique recipes tailored to the user's taste

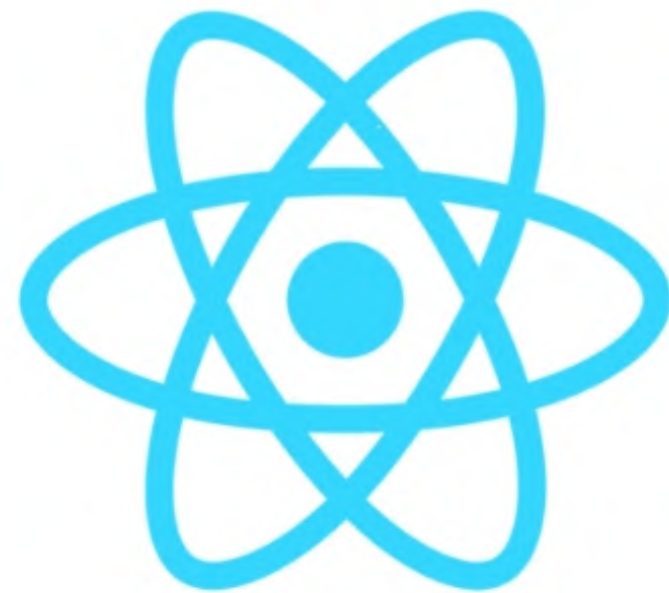
## Scalability

Easily expandable and customisable - adding new features or scaling the algorithm is trivial



Remy is cooking

# Technologies used



Everything works together to let Remy COOK!



Remy is cooking



# Future Remy Opportunities

- AI generated food images
- Specific ingredient changes upon request
- Controlling the variance of proposed dishes
- Additional parameters for dish creation w/ user input
  - Nutrition calculation
  - Sustainability (CO2 emissions)



AI-Generated Lasagna (Stable Diffusion)



# Our Team

International, interdisciplinary squad of pro hackers



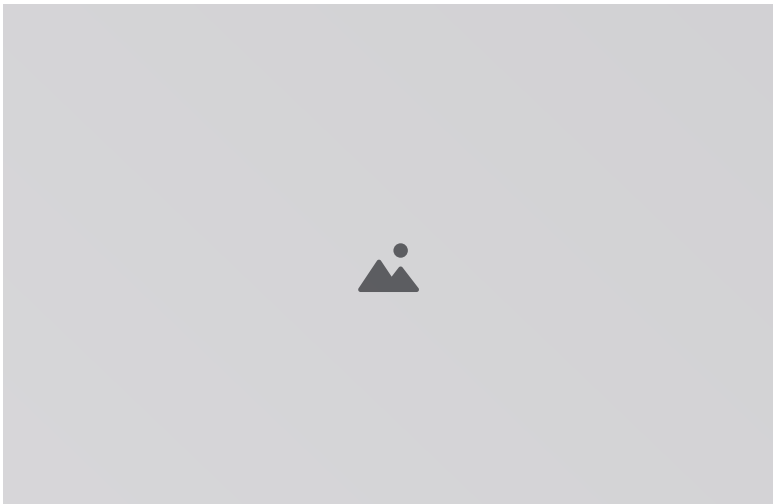
**Rūdolfs**  

Media Informatics



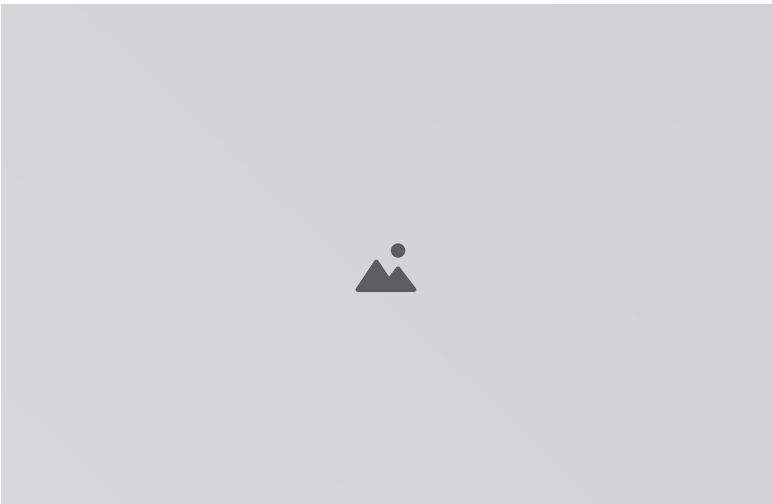
**Ernests**  

Aerospace Engineering



**Margarita**  

Mathematics & Data Science



**Justus**  

Informatics

R

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# Remy



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# Pitch

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