

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!

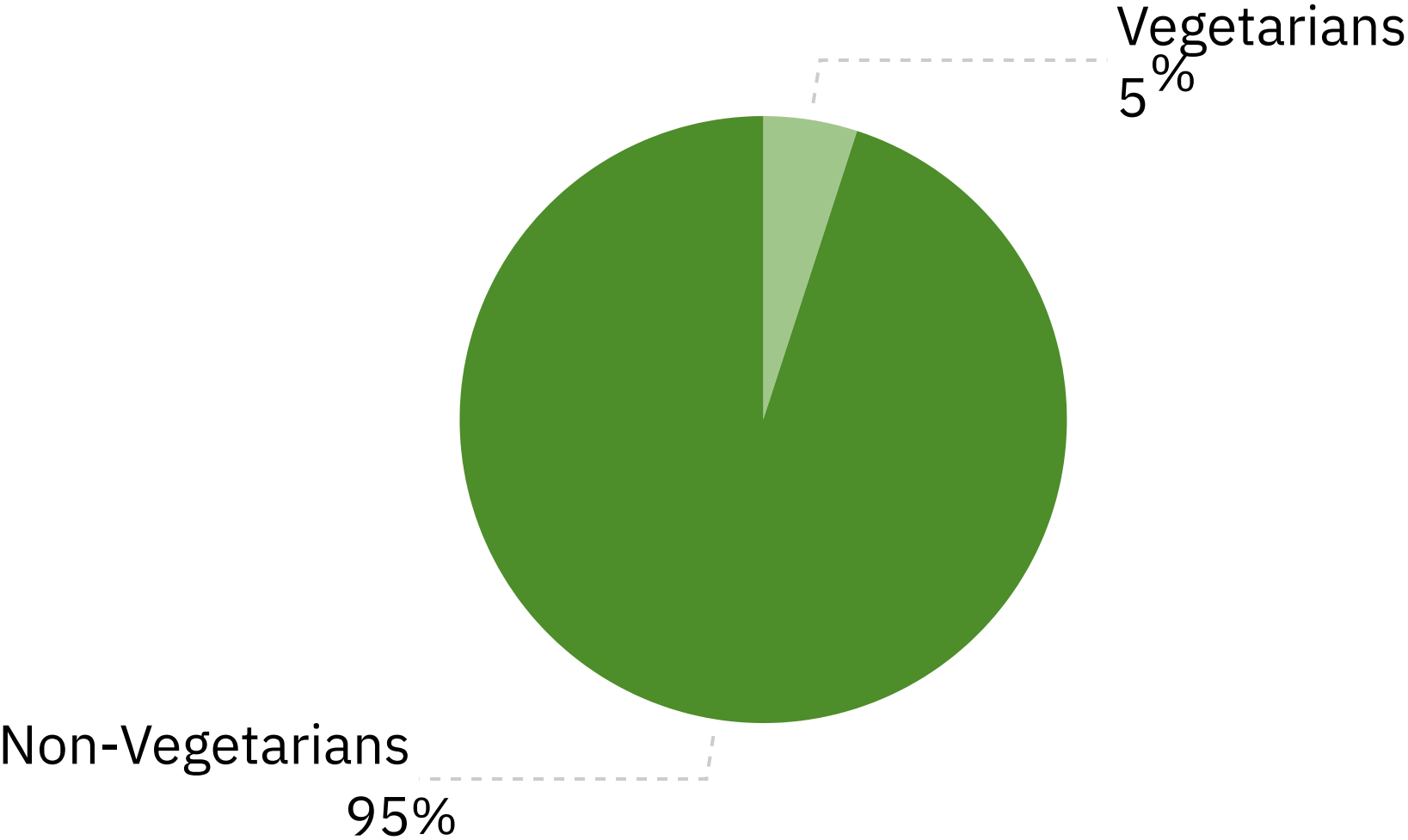
  Meat & Veggies	 Veggie
 Family Friendly	 Fit & Wholesome
 Quick & Easy	 Pescatarian

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

Establishing user Preferences during the Sign Up Process

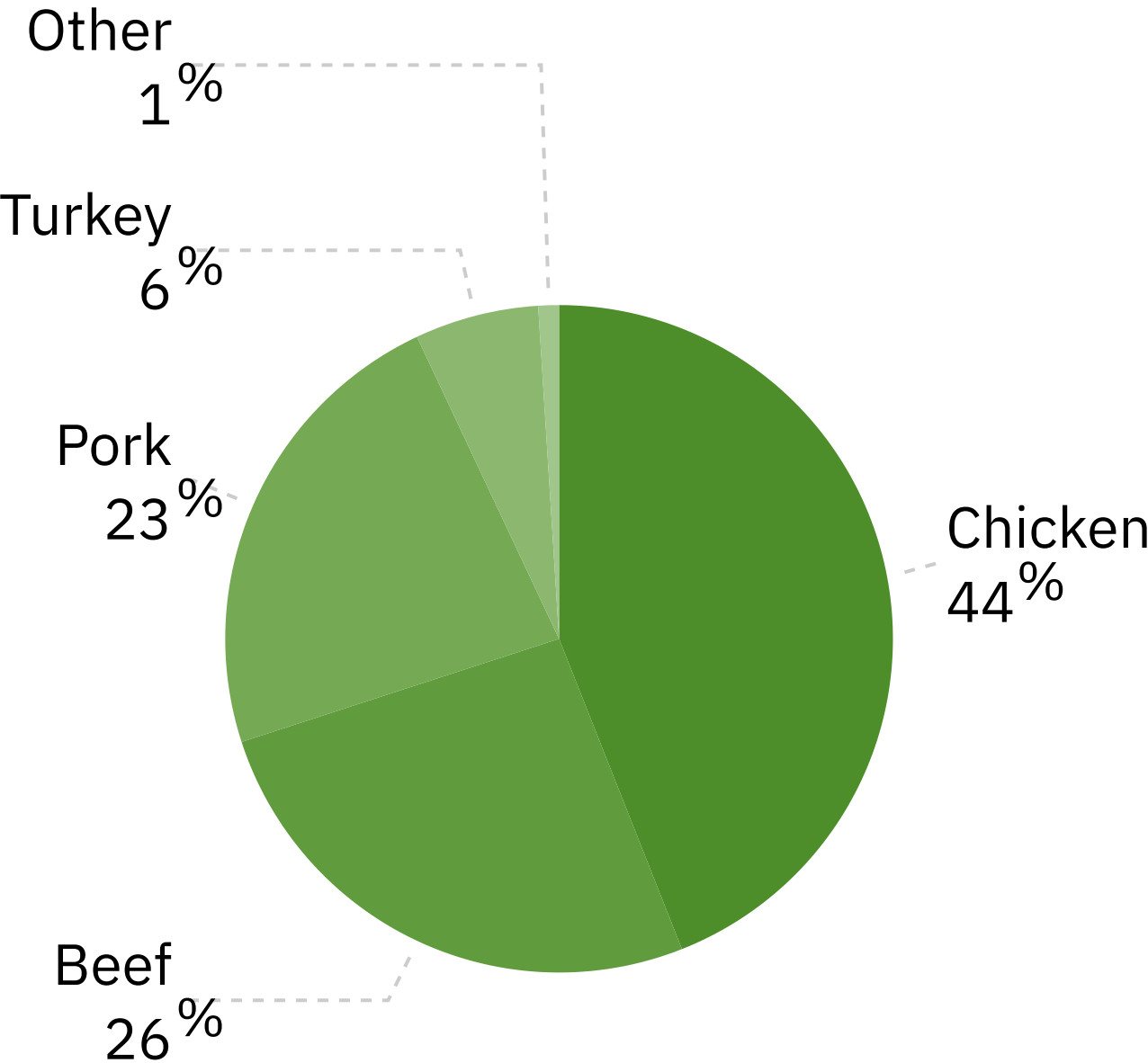
Market Research

Hard Filter



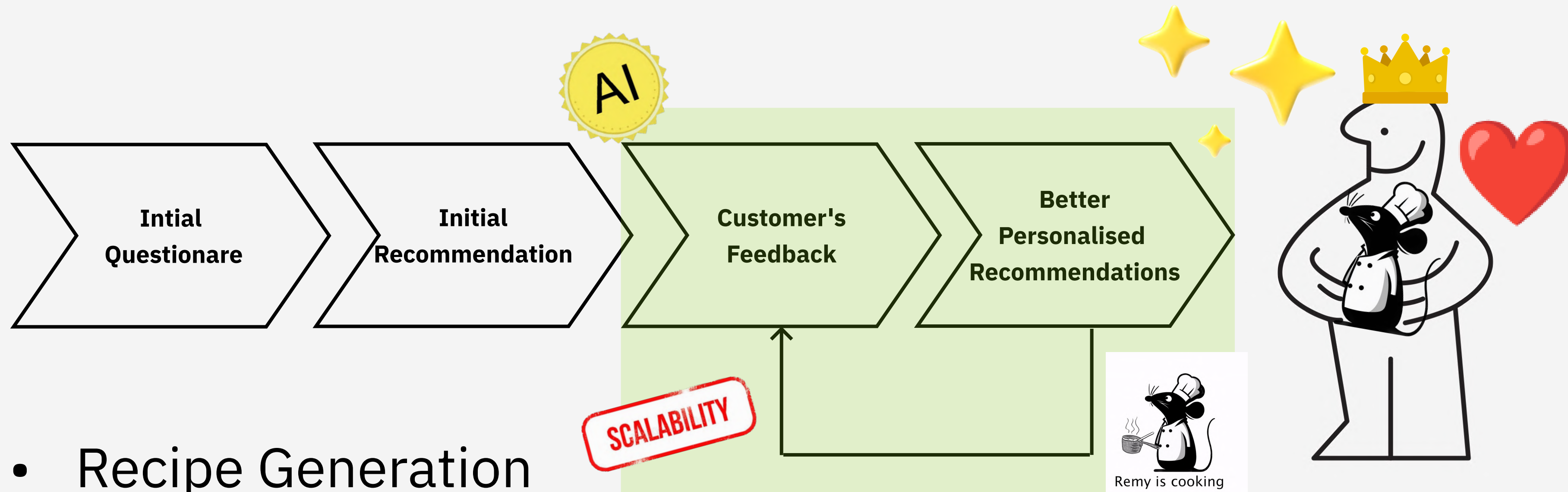
Percentage of vegetarians in the US
Source: Gallup Polls (news.gallup.com, 2023)

Soft Preference

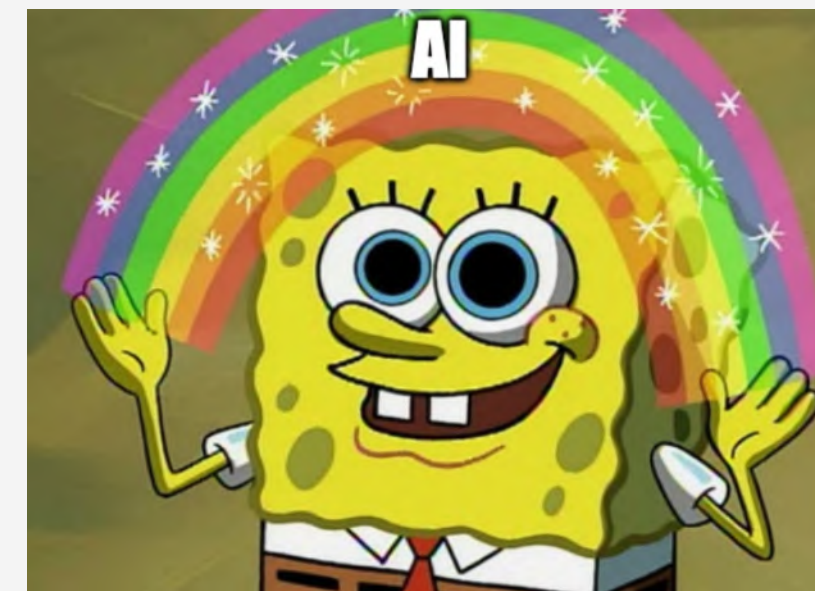


Meat consumption in the US by meat type (in percent)
Source: Statista (statista.com, 2022)

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

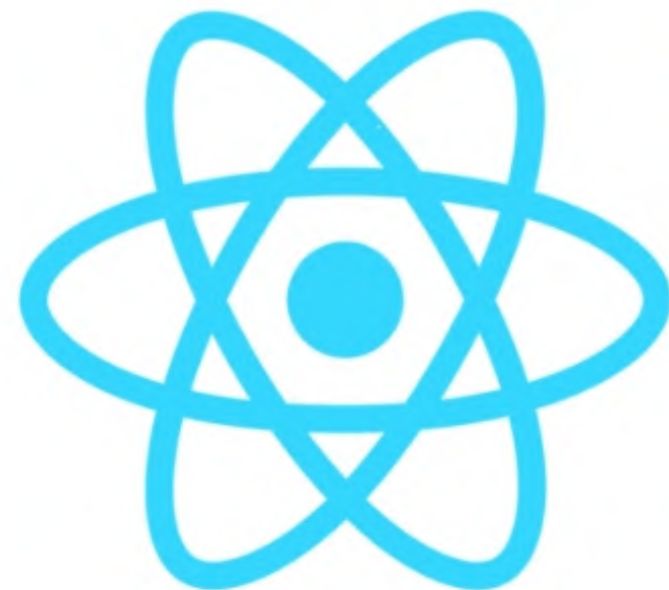
Scalability

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

E

M

Y

Remy



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Pitch

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