

DietDupe

The flavourful Feat of Finding Fantastic Food Facsimiles

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Hypothesis

By leveraging FlavorGraph, we can identify suitable substitutes for various dietary preferences, such as vegan, keto, and low-carb, while maintaining sensory satisfaction, ultimately enhancing the adherence and satisfaction of individuals following these diets.

By using the output of our DietDupe module we could inject it into the reverse-cooking pipeline and make it produce sensible recipes.

Steps

- 1 Research
- 2 Finding a database of food categories (example: vegan, paleo, keto, low carb, etc.)
- 3 Provide a Mapping to FlavourGraph
- 4 EXPERIMENT with approaches
- 5 Pick best approach

- FlavourGraph <https://github.com/lamypark/FlavorGraph>
- Inverse Cooking
<https://github.com/facebookresearch/inversecooking>

- Recipe 1M,
- FlavourGraph,
- dataset of food classification by food category (or nutriscore)