WishDish: “Recipe Prediction using K-Medoids Clustering Technique for Big Data Analytics”

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Abstract

The project involves developing a web application called “WishDish” which proves as a one-stop destination for shopping food items, getting recipe suggestions for those food items and planning daily meals for the week on a calendar, all at one place. Recipe suggestions will be made using k-medoids clustering technique on weighted recipes. Aim is to make relevant and distinct recipe suggestions for food items bought every day. A part of this project also involves evaluating performance of the application based on the algorithm used, for different database sizes and accuracy, using R.

References

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Index Terms

Computer Science
Information Sciences

Keywords

Big data, data analytics, k-medoids, recommendation system, recipe suggestions, food shopping, food planning, meal planning.