

FOODY
FOOD RECIPE RECOMMENDATION SYSTEM USING
SENTIMENT ANALYSIS BASED NEURAL NETWORK

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Abstract

Present world has seen rapid growth online review sites with a multitude of platforms available such as yummys.com, delish.com, foodnetwork.com, allrecipies.com and more food lovers tend to do searching recipes throughout recipe websites, proving that the reviews are significantly influential on food cooking process. However, reading, summarizing and categorizing hundreds of reviews by their subject matter is a time-consuming and a tedious task considering the current day busy lifestyles. And also, it is challenging to understand the trends and summaries the general opinion of food lovers. Because, the real insights are hidden in the reviews used by the food recipe searchers, due to the unstructured nature of the texts.

Foody is a recipe recommendation system which will use concepts like sentiment analysis, word embedding, web crawling and ranking to recommend the best salon for the user's required service by analyzing reviews by customers

Subject Description

Natural Language Processing

Recurrent Neural Network

LSTM

Deep Learning

Recipe review

Key Words

NLTK

LSTM

Recipe review