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DS4002

Exploring what makes a good recipe, specifically the Relationship between Recipe Length/Duration and Ratings

In an era where culinary culture is increasingly influenced by online platforms and digital recipes, understanding what makes a recipe successful is crucial for both creators and consumers. As the demand for easily accessible, high-quality recipes grows, platforms like AllRecipes and Food.com have become hubs for culinary enthusiasts worldwide.

However, the length and duration of a recipe might play a significant role in its success. Longer recipes or those with extended cooking times could deter users, affecting both the recipe's visibility and its ratings.

In response to this, we are looking for a highly motivated student to analyze a dataset of recipes from Food.com that was provided by Kaggle. By examining the relationship between recipe length/duration and user ratings, we aim to provide insights that can enhance recipe creation, platform visibility, and overall user satisfaction.

Deliverable:

In relevance to the previous information, the UVA Data Science team are seeking a passionate, driven data scientist to effectively analyze recipe data and its associated attributes to determine how recipe length/duration affects user ratings if there is one at all. The task requires initial data analysis to understand the impact of recipe length/duration on ratings. Various tools such as Regression analysis and other statistical methods can then be employed to view correlations and eventually develop predictive models to assess the influence of these factors on recipe success. The results provided will be invaluable for recipe creators, platform developers, and culinary enthusiasts alike. By understanding the impact of recipe length/duration on user ratings, we can optimize recipe creation, enhance platform visibility, and ultimately improve user satisfaction within the culinary community.