

Recipe Recommender Assignment

Exploratory Data Analysis (EDA)

- The project will utilize PySpark on AWS EC2 instances.
- You will assume the role of an ML engineer at **food.com**, tasked with designing a recommender system.
- The system will suggest recipes to users based on their preferences and the recipe they are currently viewing.
- The goal of the recommendation engine is to enhance user engagement by showcasing relevant recipes, encouraging users to spend more time on the site.
- Higher user engagement is expected to lead to increased business opportunities, including collaborations and promotions.
- The effectiveness of the recommender system will significantly influence the revenue generated by the recipe site.
- Building a recommender system from scratch is a time-consuming process.
- This project focuses on exploring the data and creating features to support the development of the recommender system.
- The data is available in CSV files, which have been downloaded and imported using appropriate libraries for analysis and visualization.

raw recipe data

https://raw-recipes-clean-upgrad.s3.amazonaws.com/RAW_recipes_cleaned.csv

raw ratings data

https://raw-interactions-upgrad.s3.amazonaws.com/RAW_interactions_cleaned.csv

