Problem: Recipe Sales Forecast

Problem Statement

Every week, Marley Spoon customers order recipes from the weekly menu. An important aspect of the business is that we should be able to predict the sales of recipes WoW.

Data

train_data_cleaned.csv: The train data consists of recipe id, the year-week in which this recipe was available, some recipe attributes and actual sales of the recipe.

test_data_cleaned.csv: The test data consists of all the columns as in train data except the actual sales.

Objective: The objective is to build a model and predict sales on the test data.

Evaluation metric: RMSE

Submission

The following needs to be submitted:
1. Your code in the language of your choice (preferably Python)
2. A word/PDF document explaining your solution, steps followed, EDA insights, etc.
3. A CSV file consisting of the following columns: recipe_id, year_week, predicted_sales for the test data.

Evaluation Criteria

The final solution will be evaluated primarily based on 1. and 2. Achieving a good RMSE is a plus.