



Grupo Bimbo Inventory Demand

Maximize sales and minimize returns of bakery goods  
\$25,000 · 1,969 teams · a year ago

OverviewDataKernelsDiscussionLeaderboardRules

Late Submission

Overview

Description

Planning a celebration is a balancing act of preparing just enough food to go around without being stuck eating the same leftovers for the next week. The key is anticipating how many guests will come. Grupo Bimbo must weigh similar considerations as it strives to meet daily consumer demand for fresh bakery products on the shelves of over 1 million stores along its 45,000 routes across Mexico.

Evaluation

Prizes

Timeline



Currently, daily inventory calculations are performed by direct delivery sales employees who must single-handedly predict the forces of supply, demand, and hunger based on their personal experiences with each store. With some breads carrying a one week shelf life, the acceptable margin for error is small.

In this competition, Grupo Bimbo invites Kagglers to develop a model to accurately forecast inventory demand based on historical sales data. Doing so will make sure consumers of its over 100 bakery products aren't staring at empty shelves, while also reducing the amount spent on refunds to store owners with surplus product unfit for sale.

Leaderboard >

- 1The Slippery Appraisals
- 2Clustifier & Alex & Andrey
- 3Team Mystic
- 4Gilberto & Regis
- 5Beaver48
- 6--- bimbos below this line ---
- 7NimaShahbazi
- 8LazyKnight

Kernels >

Exploring products  
118 votes · a year ago

Grupo Bimbo data analysis  
111 votes · a year ago

Bimbo XGBoost R script LB:0.457  
91 votes · a year ago

Mean vs. Medians - A mathy appro...  
79 votes · a year ago

Basic Preprocessing for Products  
69 votes · a year ago

213 discussion topics >

Log\_Mean\_Plus LB: 0.47  
14 replies · a month ago

Extract product features  
0 replies · 5 months ago

The address in "town\_state.csv"  
6 replies · 5 months ago

Xgboost memory problem  
15 replies · 6 months ago

Submission problem  
3 replies · 9 months ago

Launch  
a year ago

Close  
a year ago

a year ago  
Rules Acceptance  
Deadline

**1,969** **2,269**  
Teams Competitors

Points **This competition awarded standard [ranking points](#)**  
Tiers **This competition counted towards [tiers](#)**

**Tags** food and drink tabular forecasting rmsle small

