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Walmart Recruiting II: Sales in Stormy Weather

Predict how sales of weather-sensitive products are affected by snow and rain

485 teams · 2 years ago

Overview   Data   Discussion   Leaderboard   Rules   Late Submission

Overview

Description

Evaluation

Prizes

Timeline

Walmart operates 11,450 stores in 27 countries, managing inventory across varying climates and cultures. Extreme weather events, like hurricanes, blizzards, and floods, can have a huge impact on sales at the store and product level.

In their second Kaggle recruiting competition, Walmart challenges participants to accurately predict the sales of 111 potentially weather-sensitive products (like umbrellas, bread, and milk) around the time of major weather events at 45 of their retail locations.

Intuitively, we may expect an uptick in the sales of umbrellas before a big thunderstorm, but it's difficult for replenishment managers to correctly predict the level of inventory needed to avoid being out-of-stock or overstock during and after that storm. Walmart relies on a variety of vendor tools to predict sales around extreme weather events, but it's an ad-hoc and time-consuming process that lacks a systematic measure of effectiveness.

Helping Walmart better predict sales of weather-sensitive products will keep valued customers out of the rain. It could also earn you a position at one of the most data-driven retailers in the world!

Please note: You must compete as an individual in recruiting competitions. You may only use the data provided to make your predictions.

Leaderboard	〉
1 threecourse	
2 Dmitry Larko	
3 Timothy Scharf	
4 BS31	
5 Daniel Korzekwa	
6 Leaderboard Grid Search	
7 Alexander Larko	
8 Marios Michailidis (KazAnova)	

52 discussion topics 〉

First Place Entry
5 replies · a year ago

How do you match the weather data set with the store loca...
1 reply · a year ago

Letter from Walmart
0 replies · 2 years ago

Final Result
26 replies · 2 years ago

Walmart recruiting
3 replies · 2 years ago

Launch
3 years ago

Close
2 years ago

2/2

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485	**485**
Teams	Competitors

Points   **This competition awarded standard ranking points**
Tiers   **This competition counted towards tiers**

Tags   tabular   regression   rmsle   extra small

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