



Featured Prediction Competition

Instacart Market Basket Analysis

\$25,000

Which products will an Instacart consumer purchase again?

Prize Money



Instacart · 1,545 teams · a month to go

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Overview

Description

Evaluation

Prizes

Timeline

Whether you shop from meticulously planned grocery lists or let whimsy guide your grazing, our unique food rituals define who we are. Instacart, a grocery ordering and delivery app, aims to make it easy to fill your refrigerator and pantry with your personal favorites and staples when you



need them. After selecting products through the Instacart app, personal shoppers review your order and do the in-store shopping and delivery for you.

Instacart's data science team plays a big part in providing this delightful shopping experience. Currently they use transactional data to develop models that predict which products a user will buy again, try for the first time, or add to their cart next during a session. Recently, Instacart open sourced this data - see their blog post on [3 Million Instacart Orders, Open Sourced](#).

In this competition, Instacart is challenging the Kaggle community to use this anonymized data on customer orders over time to predict which previously purchased products will be in a user's next order. They're not only looking for the best model, Instacart's also looking for [machine learning engineers](#) to grow their team.

Winners of this competition will receive both a cash prize and a fast track through the recruiting process. For more information about exciting opportunities at Instacart, check out their [careers page here](#) or e-mail their recruiting team directly at ml.jobs@instacart.com.

Leaderboard >

- 1 ===== KEEP OUT 🖐 =====
- 2 Will Be Back
- 3 Alex Rich
- 4 Jacques Peeters
- 5 Komaki
- 6 Grey
- 7 SVJ24
- 8 Akulov Yaroslav

Kernels >

[Customer Segments](#)

20 votes · 11 hours ago

[Take Up Market Basket](#)

0 votes · an hour ago

[Validation demo \(.325 "CV"...](#)

13 votes · a day ago

[Instacart: Market Basket An...](#)

0 votes · 4 hours ago

[Calculate a Prior and Bayes ...](#)

19 votes · 20 hours ago

160 discussion topics >

[How far can you go without ...](#)

46 replies · 7 minutes ago

[How to give our answer\(wit...](#)

5 replies · 18 minutes ago

[Tuning lightGBM](#)

2 replies · 2 hours ago

[Correct f1 score?](#)

1 reply · 2 hours ago

[You may combine 'None' wit...](#)

15 replies · 2 hours ago

Launch

2 months ago

Close

a month



1,545 **1,545**
Teams Competitors

Points **This competition awards standard [ranking points](#)**
Tiers **This competition counts towards [tiers](#)**