



Featured Prediction Competition

Instacart Market Basket Analysis

\$25,000

Prize Money

Which products will an Instacart consumer purchase again?



Instacart · 2,623 teams · 2 months ago

[Overview](#)[Data](#)[Kernels](#)[Discussion](#)[Leaderboard](#)[Rules](#)[Late Submission](#)

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 胡萝卜

2 ===== KEEP OUT 🖐=====

[Kernels](#)[Exploratory Analysis - Instacart](#)

580 votes · 4 months ago

[340 discussion topics](#)[Problem reading data \(Fread\)](#)

4 replies · 20 days ago

3

sjv

4

Let's overF1t

5

Stanislav Semenov

6

Akulov Yaroslav

7

piupiu

8

Kucsko

Simple Exploration Notebook ...

316 votes · 5 months ago

Instacart XGBoost Starter - L...

146 votes · 4 months ago

light GBM benchmark 0.3692

115 votes · 5 months ago

Customer Segments with PCA

97 votes · 11 days ago

3rd-Place Solution Overview

66 replies · a month ago

9th place Approach

20 replies · a month ago

6th place solution overview

18 replies · a month ago

Accurate predictions anwer o...

0 replies · 2 months ago

Launch

5 months ago

Close

2 months ago

3 months ago

Rules Acceptance

Deadline

2,623

Teams

2,623

Competitors

Points

This competition awarded standard ranking points

Tiers

This competition counted towards tiers

Tags

food and drink

market basket

meanfscore

small