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Jobs • 634 teams

## Walmart Recruiting: Trip Type Classification

Mon 26 Oct 2015

Sun 27 Dec 2015 (26 days to go)

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### Leaderboard

1. ( 🏆 )
2. doge
3. Pavel Blinov
4. Michael Jahrer
5. clustifier
6. KW Wu
7. kipa
8. dott
9. Mirosław Horbal
10. NxGTR

### Forum (37 topics)

Department features correlation graph  
59 minutes ago

Feature Engineering is your friend  
10 hours ago

How to ensemble?  
17 hours ago

Password for test.csv.zip

[Competition Details](#) » [Get the Data](#) » [Make a submission](#)

### Data Files

File Name	Available Formats
sample_submission.csv	<a href="#">.zip (256.27 kb)</a>
train.csv	<a href="#">.zip (5.46 mb)</a>
test.csv	<a href="#">.zip (5.31 mb)</a>

For this competition, you are tasked with categorizing shopping trip types based on the items that customers purchased. To give a few hypothetical examples of trip types: a customer may make a small daily dinner trip, a weekly large grocery trip, a trip to buy gifts for an upcoming holiday, or a seasonal trip to buy clothes.

Walmart has categorized the trips contained in this data into 38 distinct types using a proprietary method applied to an extended set of data. You are challenged to recreate this categorization/clustering with a more limited set of features. This could provide new and more robust ways to categorize trips.

The training set (**train.csv**) contains a large number of customer visits with the TripType included. You must predict the TripType for each customer visit in the test set (**test.csv**). Each visit may only have one TripType. You will not be provided with more information than what is given in the data (e.g. what the TripTypes represent or more product information).

**The test set file is encrypted.** You must [complete this brief survey](#) to receive the password.

## Data fields

- **TripType** - a categorical id representing the type of shopping trip the customer made. This is the ground truth that you are predicting. TripType\_999 is an "other" category.
- **VisitNumber** - an id corresponding to a single trip by a single customer
- **Weekday** - the weekday of the trip

7 days ago

codes from a 2D autoencoder  
8 days ago

Featurization computation time  
8 days ago

teams

players

entries

- **Upc** - the UPC number of the product purchased
- **ScanCount** - the number of the given item that was purchased. A negative value indicates a product return.
- **DepartmentDescription** - a high-level description of the item's department
- **FinelineNumber** - a more refined category for each of the products, created by Walmart