kaggle

Host   Competitions   Scripts   Jobs   Community ▾   Rupak Chakraborty   Logout

FICO™

$20,000 • 659 teams

Santa's Stolen Sleigh

Merger and 1st Submission Deadline

Tue 1 Dec 2015

Fri 8 Jan 2016 (21 days to go)

Dashboard

Home
| Data
| Make a submission

Information
| Description
| Evaluation
| Rules
| Prizes
| About FICO
| About FICO Xpress
| Timeline
| Xpress Tutorial

Forum

Scripts
| New Script
| New Notebook

Leaderboard

My Submissions

Leaderboard

1. master.exploder@deepsense.io
2. woshialex & weezy
3. Chihiro Komaki
4. colun
5. Farmers peeing a little
6. Poprosimy piateczki z RPiS-u
7. Bill
8. mixtitlan
9. PoolNightBill
10. wleite

406 Scripts

You'll shoot your eye out, kid
39 Votes / 3 days ago / Python

Computing Weighted Reindeer Weariness
38 Votes / 4 days ago / Python

VisualizeYou'll shoot your eye out, kid
24 Votes / 6 days ago / Python

Competition Details   »   Get the Data   »   Make a submission

Data Files

File Name	Available Formats
gifts	**.csv (4.28 mb)**
sample_submission	**.csv (1.02 mb)**

See on user's exploration of the data on Kaggle Scripts

For this competition, you are asked to optimize the total weighted distance traveled (weighted reindeer weariness). You are given a list of gifts with their destinations and their weights. You will plan sleigh trips to deliver all the gifts to their destinations while optimizing the routes.

- All sleighs start from north pole, then head to each gift in the order that you assign, and then head back to north pole.
- You may have an unlimited number of sleigh trips.
- All the gifts must be traveling with the sleigh at all times until the sleigh delivers it to the destination. A gift may not be dropped off anywhere before it's delivered.
- Sleighs have a base weight of 10, and a maximum weight capacity of 1000 (excluding the sleigh).
- All trips are flying trips, which means you don't need to travel via land. Haversine is used in calculating distance.

Where Are All the Gifts?
28 Votes / 17 days ago / Python

Beat the Benchmark -
14358424217
16 Votes / 14 days ago / R

YsyeoK
4 Votes / 19 minutes ago / Python

Forum (52 topics)

Computing Weighted Reindeer
Weariness
4 minutes ago

Total Hack Idea (Brainstorm)
5 hours ago

Submissions Viz
6 hours ago

...but what if Santa's sleigh
hadn't been stolen?
(intuition/theory discussion)
6 hours ago

Cover my A__
7 hours ago

btb_ssz
8 hours ago

teams

players

entries

File descriptions

- **gifts.csv** - a list of all gifts that need to be delivered

    - GiftId - the id of the gift
    - Latitude/Longitude - the destination of the gift
    - Weight - the weight of the gift (unit-less)

- **sample_submission.csv** - a sample submission file in the correct format

    - GiftId - the id of the gift, ordered by the order of delivery
    - TripId - the id of the trip (should be integer)

About   Our Team   Careers   Terms   Privacy   Contact/Support