

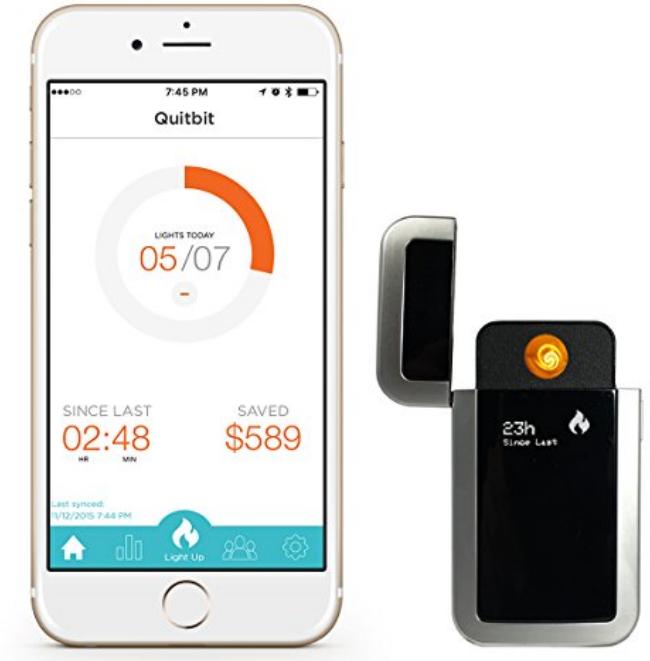
FINAL PROJECT 1: LIGHTENING PITCH

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General Assembly
PT Data Science
July 26, 2017

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TOPIC 1: QUITBIT

- Problem Statement:
 - Novel tech available to continuously track cigarette smoking
 - Researchers can harness data to understand smoking patterns to optimize strategies for quitting
- Data: Quitbit user data
- Hypothesis
 - Explore patterns of QB smart lighter/ app use
 - H_A : Number of cigarettes smoked associated with:
 - Day(s) of week
 - Time(s) of day
 - Location (if data are available)
 - Exploratory analysis: compare trends in number of cigarettes across time by individual/aggregated device and app features





Login

Cut2Quit Study

Join the program that guides you to take control of how you quit smoking.

Join the Study

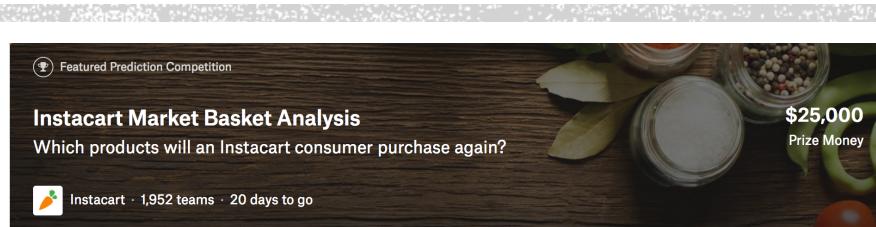
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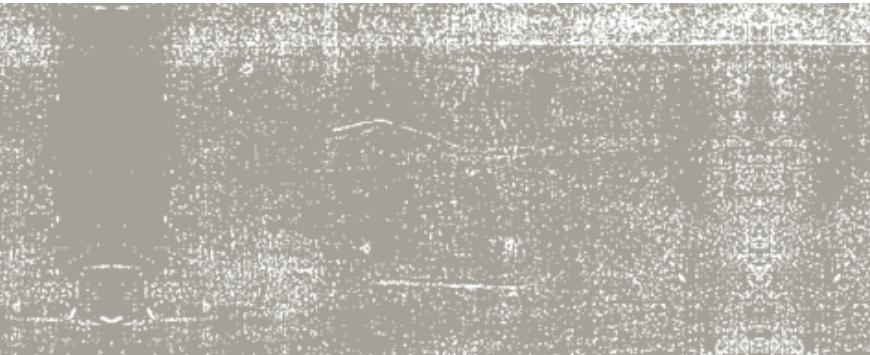


<https://cut2quit.eurekaplatform.org>



HYPOTHESIS

- Previous order will predict reorders
- Likelihood of reorder associated with product type (i.e., aisle id, dept id) and possibly purchase frequency



aisles.csv.zip
departments.csv.zip
order_products_prio...
order_products_trai...
orders.csv.zip
products.csv.zip
sample_submission.cs...





Airbnb New User Bookings

Where will a new guest book their first travel experience?
1,462 teams · a year ago

HYPOTHESIS

Individual and/or aggregate demographic and other characteristics can predict

- new guests' first travel destination
- time to first booking



[!\[\]\(c1c13e32f5099222ca8eb2c0edc64160_img.jpg\) age_gender_bkts.csv...](#)

[!\[\]\(4d11ca7b3fd6face42df5840f6181c44_img.jpg\) countries.csv.zip](#)

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TOPIC 3

AIRBNB

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TA-DA!