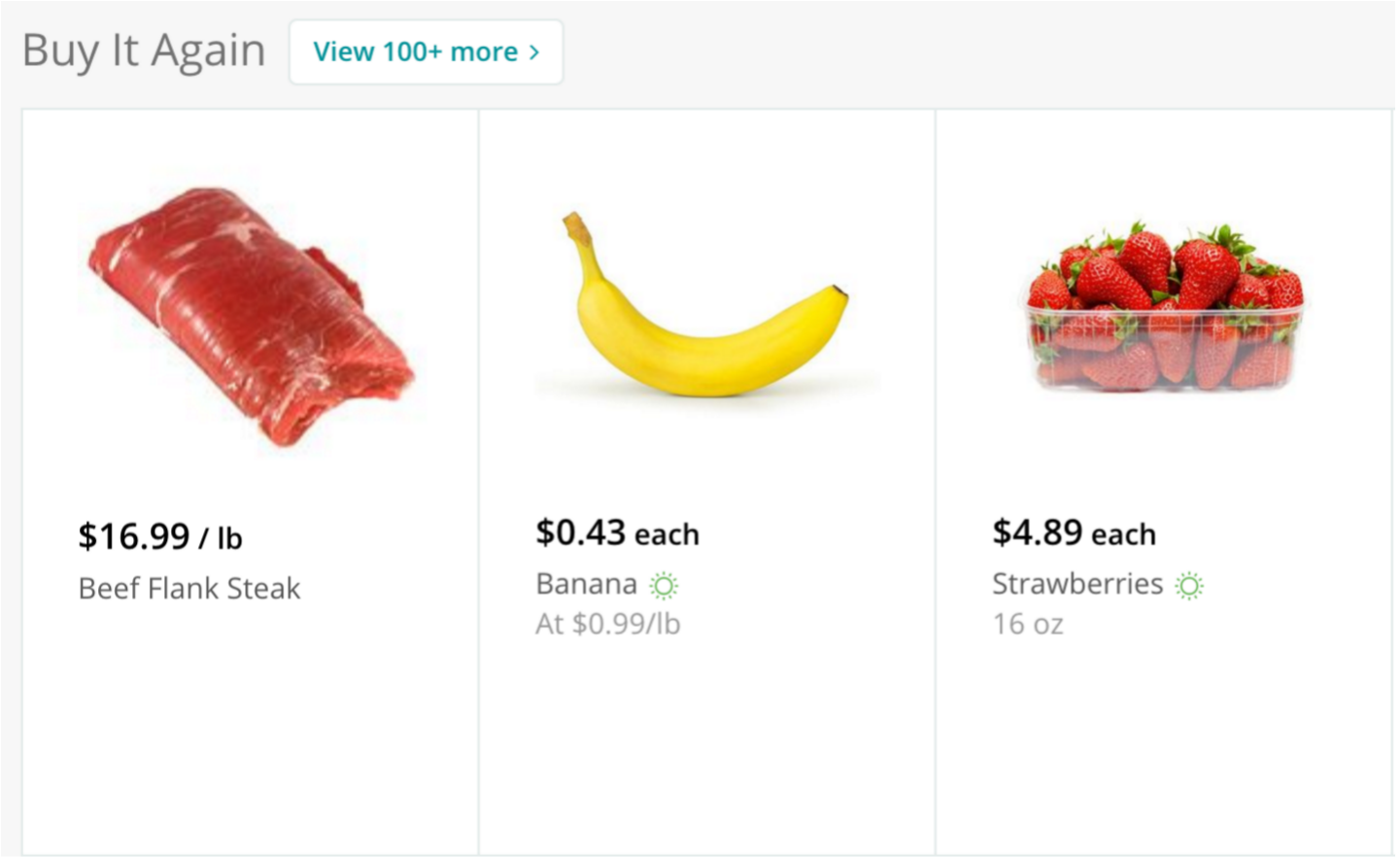
instacart

Instacart Project

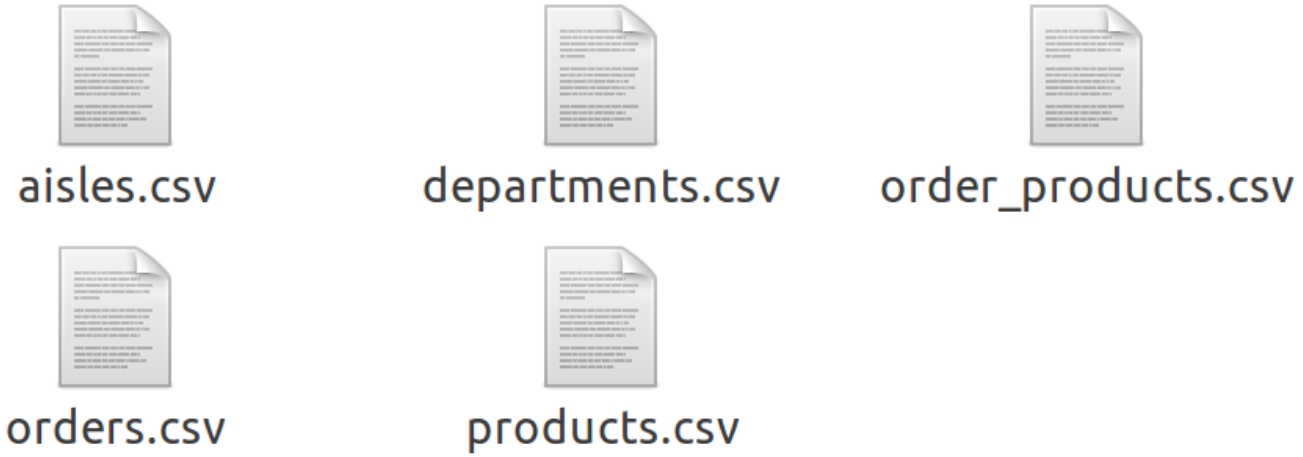
A grocery ordering and delivery app

Goal



What products will be in a user’s next order?

File description



약 20 만 고객으로부터 약 300 만 건의 주문 데이터

File description

aisles.csv

```
aisle_id,aisle
1,prepared soups salads
2,specialty cheeses
3,energy granola bars
...
```

aisle_id : 1, 2, 3, ...

aisle : aisle 이름

File description

departments.csv

```
department_id,department
1,frozen
2,other
3,bakery
...
```

department_id : 1, 2, 3, ...

department : department 이름

File description

order_products.csv

```
order_id,product_id,add_to_cart_order,reordered
1,49302,1,1
1,11109,2,1
1,10246,3,0
...
```

order_id : 주문 id

product_id : 제품 id

add_to_cart_order : 카트에 담은 순서

reordered : 이전에 주문한 경력이 있는지

File description

orders.csv

```
 order_id,user_id,eval_set,order_number,order_dow,order_hour_of_day,days_sin
ce_prior_order
 2539329,1,prior,1,2,08,
 2398795,1,prior,2,3,07,15.0
 473747,1,prior,3,3,12,21.0
 ...
```

order_id : 주문 id

user_id : 고객 id

order_number : 고객의 몇 번째 주문인지

order_dow : 주문 요일

order_hour_of_day : 주문 시간

days_since_prior_order : 마지막 주문으로부터 지난 날짜

File description

products.csv

```
product_id,product_name,aisle_id,department_id
1,Chocolate Sandwich Cookies,61,19
2,All-Seasons Salt,104,13
3,Robust Golden Unsweetened Oolong Tea,94,7
...
```

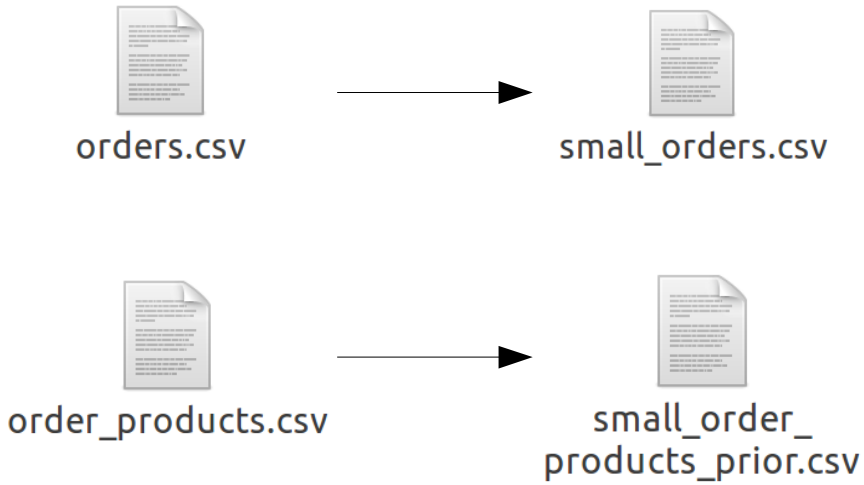
product_id : 제품 id

product_name : 제품 이름

aisle_id : aisle id

department_id : department id

Changed data

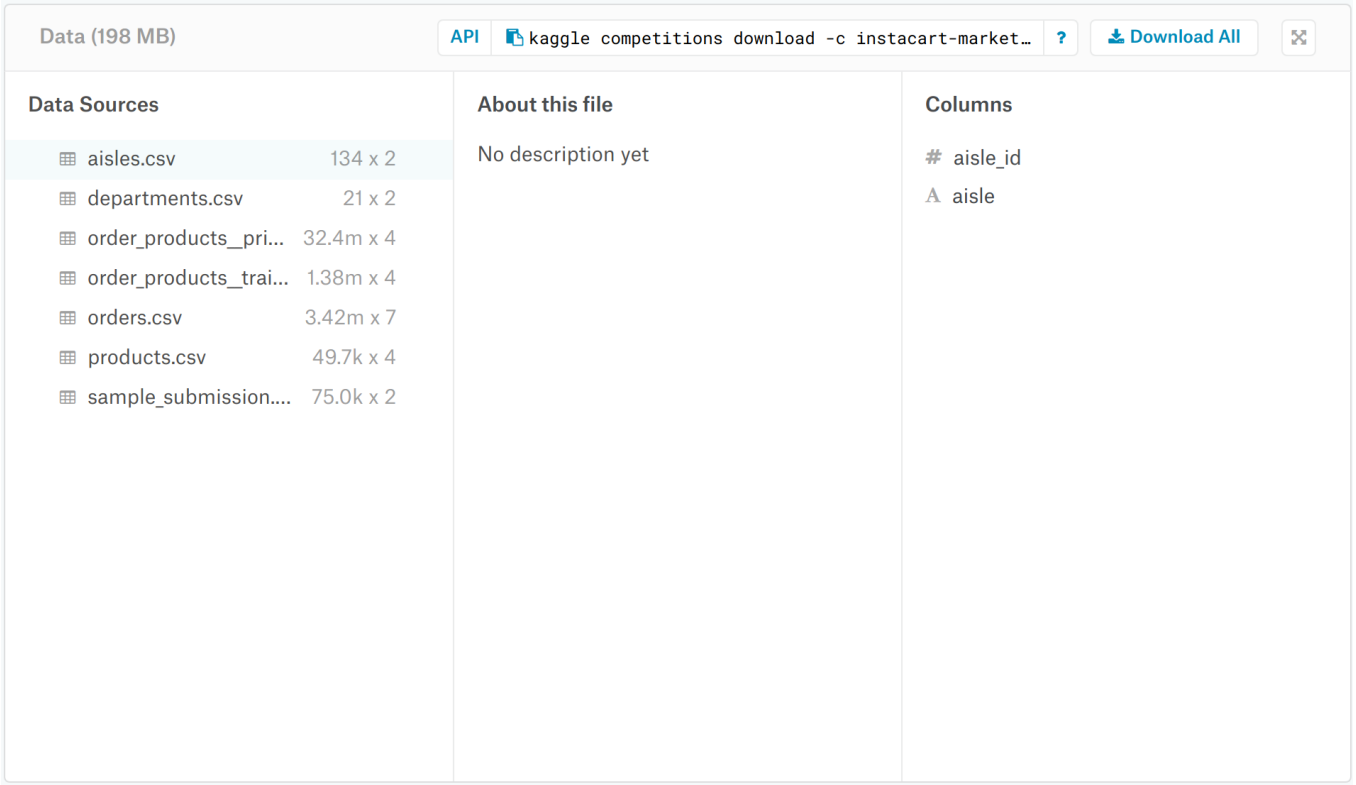


고객 : 20 만 → 1 만

주문 : 300 만 → 16 만

주문 _ 상품 : 3000 만 → 150 만

Download original data



https://www.kaggle.com/c/instacart-market-basket-analysis/data