



instacart



Instacart Project

HOW INSTACART WORKS

You Choose

Order your favorite
groceries at instacart.com



We Shop

A personal shopper
carefully gathers your items



We Deliver

We bring your
order to your door






A grocery ordering and delivery app



Goal

Buy It Again [View 100+ more >](#)

 <p>\$16.99 / lb Beef Flank Steak</p>	 <p>\$0.43 each Banana 🌞 At \$0.99/lb</p>	 <p>\$4.89 each Strawberries 🌞 16 oz</p>
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What products will be in a user's next order?

File description



aisles.csv



departments.csv



order_products.csv



orders.csv



products.csv

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_since_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

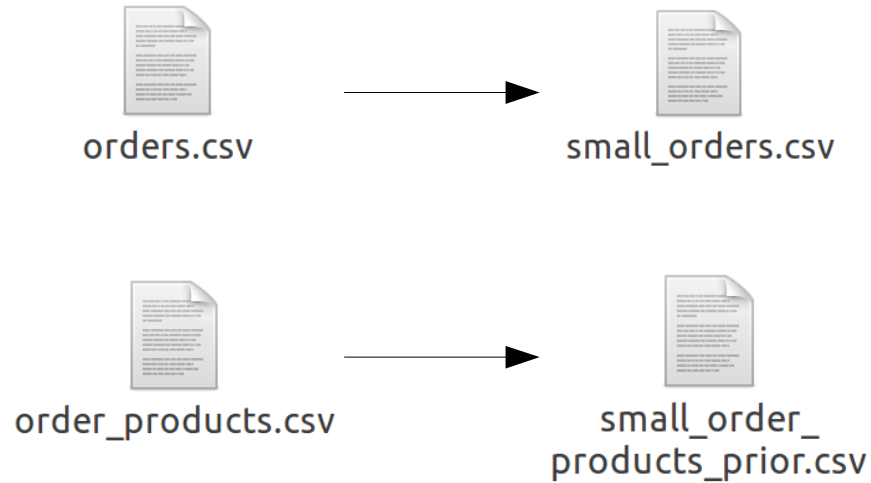
product_name : 제품 이름

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

Data (198 MB)		
API <code>kaggle competitions download -c instacart-market...</code> ? Download All		
Data Sources	About this file	Columns
<ul style="list-style-type: none">aisles.csv 134 x 2departments.csv 21 x 2order_products_pri... 32.4m x 4order_products_trai... 1.38m x 4orders.csv 3.42m x 7products.csv 49.7k x 4sample_submission.... 75.0k x 2	No description yet	<ul style="list-style-type: none"># aisle_idA aisle

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

