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Cascade Data Labs

June 26, 2019

Overview

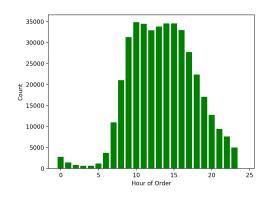
- ► When are people buying?
- ► What are people buying?
- ► Who is buying?

Time of Day

- Orders primarily coming between 9 and 5
 - During work day?
- Long tail of evening purchases

Takeaway

- ► Lower than expected purchases from people after work
- Send emails around
 5pm to encourage
 orders at end of day

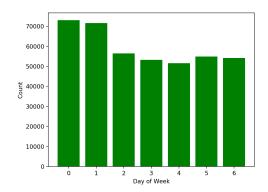


Day of Week

- Higher number of orders on day 0 and 1
 - Most likely weekends

Takeaway

- ► People more likely to buy on weekends?
- ► Need to make sure 0 and 1 are weekend days

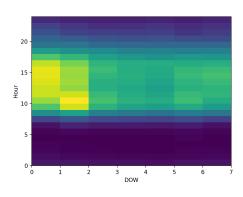


Hour of Day vs. Day of Week

- ► Day 0 has more orders in afternoon
- ► Day 1 has more orders in the morning
 - ► This is in line with Saturday being 0 and Sunday being 1

Takeaway

- Know the high sales volume time for a week
- ► Need to check if these times are higher traffic or higher sales %



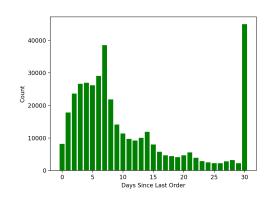
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Frequency of Ordering

- ► Most orders are within 10 days
- ► Increases every 7 days
 - Weekly shoppers?
- ► Large spike at 30 days
 - Overflow bin?

Takeaway

- ► If people are going to come back, they do so within the first week
- Send reminder emails around 6 days after an order

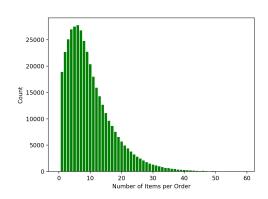


Items Per Order

- Most people order <20 items</p>
 - Peak at 6 items

How does this compare to order frequency?

Are people who order more ordering less frequently?

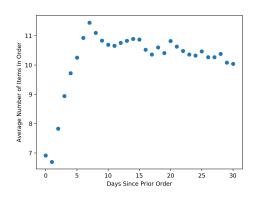


Items Per Order vs. Days Since Last Order

- For first week, the number of items per order increases
- After 7 days, number of items orders slowly drops

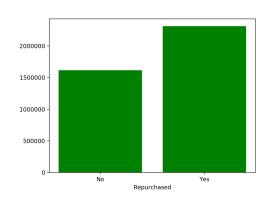
Takeaway

- In order to maximize sales, need to get people to order weekly
- Again send ad around 6 days after order



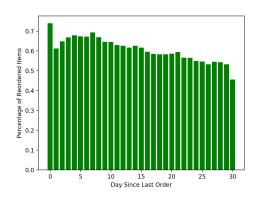
Items Purchased Before?

- Majority of purchased items are repeat items
- Does this mean the weekly regulars are ordering the same thing every week?



% of Reordered Items vs Days Since Last Order

- The sooner a new order is placed, the more likely the items have been ordered before
- ► Spike at 0 seems
 - Reordering items on the same day?



Takeaway

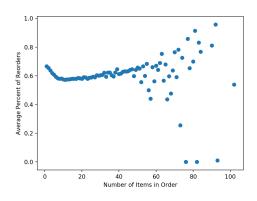
- ► For highly re-ordered items, have option to re-purchase
- Less time spent on regular items gives more time for extra shopping

% of Reordered Items vs Number of Items Ordered

- People with small orders have a lot of reorders
- Drops off slightly but regains
- ► Low stats prevent stating anything for orders greater that ~60 items

Takeaway

 Focus on making small reorders quick to encourage exploration

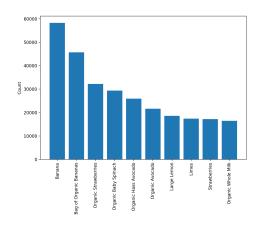


Most Popular Items

- 9 out of 10 most popular items are produce
- Bananas are by far the biggest seller
 - Roughly 1 in 4 orders contain bananas

Takeaway

- Most common items from same department
- ► Check if this is true

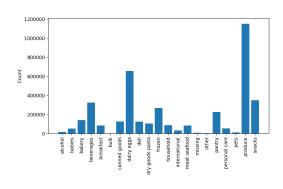


Department

- Most orders come from Produce and Dairy/Eggs
- Very few items from Bulk, Pets, other

Takeaway

- People are already coming for produce
- Advertise other departments



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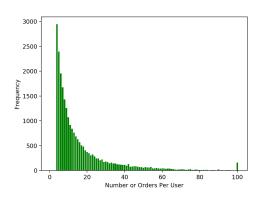
Who is Buying?

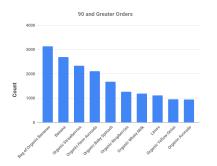
Number of Orders Per User

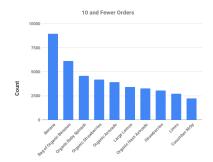
- Most users only reorder a few times
 - None less than 4
 - Artificial spike at 100

Takeaway

Check for differences in extremes







High vs Low Return Customers

- ► No major difference in order composition
- ► Slightly more organic items from frequent orderers

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Further Places to Research

- Look into orders to determine demographic info
 - User who orders children's items probably has family
 - ► Same for products targeted toward women and men
 - Use this to send targeted ads for relevant products
- Want information on mobile vs site users
 - ► Tells where to send notifications (email or app)

Plan of Action

- Advertisements
 - Push ads 6 days after ordering
 - Advertise non-produce items
- Make reordering common items easy (dedicated button)
 - ► Less time spent adding repeat items to encourage users to explore new products