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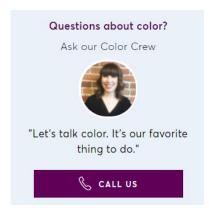


> Business Model

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Overview





- What: Hair color and hair care products (ASP around \$25)
- How: color quiz, color consultants, color recognition chat bot
- · Where: Online and offline
- Competitive advantage
 - (1) Color
 - (2) Ingredients

2 Subscription model

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MEMBERSHIP



- 26% of total customer base
- No subscription fee & easy opt-in and opt-out
- 20% product discount
- Subscription for every 2 ~ 8 week
- Subscribers have 10x future revenue potential than one-time-buyers

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Approach

Customer Interpretation

Modeling (Customer Lifetime Value)

Regression Analysis

What?

- What are the unique characteristics of my customer segments?
- How valuable are they?
- How much would customer spend in the future? (CLV)
- When would customer churn? (Churn probability)
- Who should we target in each customer segment?

How?

- Segment customer into
 2 groups (Subscribers
 and one-time-buyers)
 and calculate their size
 and value
- Subscribers: Beta
 Discrete-Weibull
 (BdW) Model
- One-time-buyers:
 Buy-Till-You-Die
 (BTYD-BGBB) Model
- Regression analysis of CLV with customer demographics
- Regression analysis on customer conversion





> Analysis

	Subscribers	One-time-buyers
CLV Analysis	 A survival process At each opportunity to renew subscription, the customer has a probability of churning Result: Customer Lifetime Value for each active customer 	 A Buy-Till-You-Die process The customer purchases randomly until she drops out and ceases to purchase Result: Customer Lifetime Value for each customer in cohort
RF Matrix	 Segmented on order frequency Segmented on number of renewals Result: 9 segments, each with E[CLV] 	 Segmented on historical frequency Segmented on last order recency Result: 25 segments, each with E[RLV]
Demographics	 Quiz.Responses.Color.Frequency Event.Facts.Color.Where Quiz.Responses.Gray.Quantity 	 Mr.User.Email.Source Quiz.Responses.Hair.Thickness Survey.Results.Heard.From.Where

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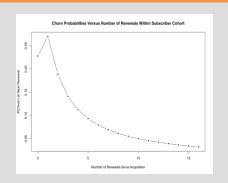


Suggestion

THREE PRONGED MARKETING APPROACH

Action

Maximize CLV
by retaining subscribers
longer



Target

- Those who are at the onset of 2nd renewal
- Those with higher order frequency (=shorter # of weeks between 2 renewals)

Acquire new customers similar to your high value customers



- Those who do hair at hair salon
- Those who color their hair frequency
- Those with highest gray level content

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Convert one-time-buyers to subscribers

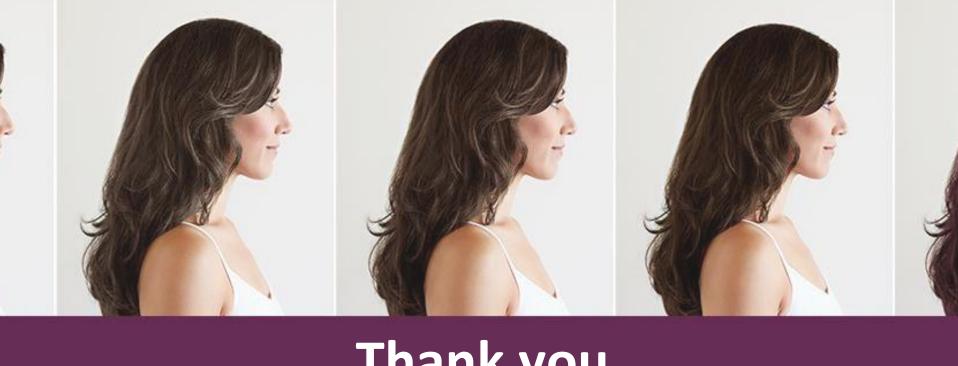
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program

- Those who are promoters
- Those who are 45~64 years old
- Those who have red hair

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Thank you

