

First and Last Touches

Learn SQL from Scratch Paul Schietinger 9/17/2018

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What does the CoolTShirts Campaign strategy look like?

Active Campaigns and Sources

- Currently CoolTShirts.com has <u>8 campaigns</u> running
 - Cool-tshirts-search
 - Getting-to-know-cool-tshirts
 - Interview-with-cool-tshirts-founder
 - Paid-search
 - Retargetting-ad
 - Retargetting-campaign
 - Ten-crazy-cool-tshirts-facts
 - Weekly-newsletter
- These campaigns are running on <u>6 different sources</u> (see right)
- What is utm_campaign?
 - The specific ad or strategy used to connect to the customers
- What is a utm source?
 - This identifies the touchpoint that sent the traffic to the website

---- SQL query used to determine how many campaigns

select count(distinct(utm_campaign)) as 'num_campaigns'
from page_visits;

---- SQL query used to determine how many sources

select count(distinct(utm_source)) as 'num_sources' from page_visits;

---- SQL guery used to determine how the campaigns and sources relate

select utm_campaign, utm_source from page_visits group by utm_campaign:

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utm_campaign	utm_source	
cool-tshirts-search	google	
getting-to-know-cool-tshirts	nytimes	
interview-with-cool-tshirts-founder	medium	
paid-search	google	
retargetting-ad	facebook	
retargetting-campaign	email	
ten-crazy-cool-tshirts-facts	buzzfeed	
weekly-newsletter	email	

What does the Customer Journey look like?

How is CoolTShirts.com structured?

Once potential customers are attracted via one of the 8 running campaigns, they will see a relatively simple structure for the CoolTShirts website.

There are 4 unique pages the customers can visit during their journey: The Landing page, Shopping Cart, Checkout, and Purchase page.

Simplicity in a website often promotes better user experiences, which in turn, may lead to more purchases!

---- SQL query used to determine pages on the website

select count(distinct(utm_source)) as 'num_sources' from page_visits;

page_name
1 - landing_page
2 - shopping_cart
3 - checkout
4 - purchase

Customer Journey: Which Campaign gets the most customer to the website?

- The Interview with the **Cool Tshirts Founder** is the campaign responsible for the most first touches with **622** touches
 - **Getting to know Cool Tshirts** is also very good at **612** touches
 - Ten Crazy Cool Tshirts Facts came in third at 576 touches
 - Cool Tshirts Search was much lower at fourth with 169 touches
- Note- 4 of the active 8 campaigns are responsible for 0 touches!
 - Paid search, Retargetting ad, Weekly newsletter, Retargetting campaign are not effective campaigns for first touches

source	campaign	first_touches
medium	interview-with- cool-tshirts-founder	622
nytimes	getting-to-know- cool-tshirts	612
buzzfeed	ten-crazy-cool- tshirts-facts	576
google	cool-tshirts-search	169

```
---- SQL guery used to determine first_touches by campaign
WITH first_touch AS (
  SELECT user id.
    MIN(timestamp) as first_touch_at
  FROM page_visits
  GROUP BY user_id),
ft_attr as (
SELECT ft.user_id,
      ft.first touch at.
      pv.utm source.
pv.utm_campaign
     FROM first touch as ft
     JOIN page_visits as pv
      ON ft.user id = pv.user id
       AND ft.first touch at = pv.timestamp
 select ft_attr.utm_source as source, ft_attr.utm_campaign as campagain, count(*)
as first touches
from ft attr
aroup by 1, 2
 order by 3 desc;
```

Customer Journey: Which Campaign leads the customer to a purchase?

- The Weekly Newsletter and the Retargetting-Ad are responsible for the most Last Touches (447 and 443 respectively)
 - Neither of these campaigns were responsible for any first touches!

source	campagain	last_touches
email	weekly-newsletter	447
facebook	retargetting-ad	443
email	retargetting- campaign	245
nytimes	getting-to-know- cool-tshirts	232
buzzfeed	ten-crazy-cool- tshirts-facts	190
medium	interview-with- cool-tshirts-founder	184
google	paid-search	178
google	cool-tshirts-search	60

```
---- SQL guery used to determine first_touches by campaign
WITH last_touch AS (
  SELECT user_id.
    MAX(timestamp) as last_touch_at
  FROM page_visits
  GROUP BY user id).
It_attr as (
SELECT It.user_id,
      It.last touch at.
      pv.utm_source,
pv.utm_campaign
     FROM last_touch as It
    JOIN page_visits as pv
      ON lt.user_id = pv.user_id
      AND lt.last_touch_at = pv.timestamp
select lt_attr.utm_source as source, lt_attr.utm_campaign as campagain, count(*)
as last touches
from It attr
group by 1, 2
order by 3 desc;
```

How many visitors to CoolTShirts.com make a purchase?

- Based on the UTM data for CoolTShirts.com, 361 visitors have accessed the purchase page and transacted.
 - Close rate: (361/1979)*100 = 18.24%
- The top 5 campaigns are:
 - Weekly Newsletter
 - Retargetting-Ad
 - Retargetting-Campaign
 - Paid-Search
 - Ten Crazy Cool Tshirts facts*
 - Getting to Know Cool Tshirts*

*The last two campaigns are responsible for the same number of purchases

num_purchases	page_name
361	4 - purchase

source	campagain	purchases
email	weekly-newsletter	115
facebook	retargetting-ad	113
email	retargetting- campaign	54
google	paid-search	52
buzzfeed	ten-crazy-cool- tshirts-facts	9
nytimes	getting-to-know- cool-tshirts	9
medium	interview-with- cool-tshirts- founder	7
google	cool-tshirts-search	2

What does the typical customer's journey look like?

- The typical customer first accesses CoolTShirts.com after viewing a campaign on one of the 4 sources:
 - Google, NY Times, Buzzfeed, or Medium
 - Based on first touches query
- Then the customer typically leaves CoolTShirts.com without making a purchase after initially accessing the site
 - · Based on last touches query
 - Of the 4 campaigns with the highest last touches, only 1 campaign is responsible for any first touches.
- After some amount of time, the majority of customers return to CoolTShirts.com because they saw a campaign on one of these 4 sources:
 - Weekly Newsletter
 - Retargetting-Ad
 - Retargetting-Campaign
 - Getting to Know Cool Tshirts
 - These 4 campaigns are responsible for 69% of all last touches!
- Of the customers that returned to the website 18.24% of them (361 of the 1979) made a purchase.
 - 63% of the customers that made a purchase were brought back to the website either by the Weekly Newsletter or the Retargetting-Ad.

Optimizing the Campaign Budget

Which Campaign/Source is responsible for the most purchases?

- In order to decide which campaigns are most effective, both first and last touches should be considered
- For example, Ten Crazy Cool Tshirt Facts and Getting to Know Cool Tshirts both have the same number of last touches
 - Getting to Know Cool Tshirts attracts 6% more customers

First Touches

source	campaign	first_touches
medium	interview-with- cool-tshirts-founder	622
nytimes	getting-to-know- cool-tshirts	612
buzzfeed	ten-crazy-cool- tshirts-facts	576
google	cool-tshirts-search	169

Last Touches

source	campagain	last_touches
email	weekly- newsletter	115
facebook	retargetting-ad	113
email	retargetting- campaign	54
google	paid-search	52
buzzfeed	ten-crazy-cool- tshirts-facts	9
nytimes	getting-to-know- cool-tshirts	9
medium	interview-with- cool-tshirts- founder	7
google	cool-tshirts- search	2

Recommendation

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Based on statistics pulled from the CoolTShirts.com SQL database, it is recommended to fund the following 5 campaigns:

- Weekly Newsletter
- Retargeting Ad
- Retargeting Campaign
- Paid Search
- Getting to Know Cool Tshirts

Each of these campaigns have either the highest first touches (attracting customers to the website) or the highest last touches that resulted in a purchase.

Note- Perhaps more consideration or work should be put towards adding marketing/making changes to CoolTShirts.com to help retain the 82% of customers that leave initially.

Thank you!

Questions?		