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## First & Last Touch: CoolTShirts

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# 1. CoolTShirts Summary "Get Familiar"

### 1.1 Campaign and Source Summary

- CoolTShirts utilizes 8 campaigns from 6 sources.
- There are eight unique combinations of campaign-to-sources as summarized on the right.

Distinct UTM	Distinct UTM			
Campaigns	Sources			
8	6			

```
SELECT count(DISTINCT utm_campaign) AS 'UTM Campaign', count(distinct utm_source) as 'UTM Source' FROM page_visits;

SELECT DISTINCT utm_source AS 'UTM Source', utm_campaign AS 'UTM Campaign' FROM page_visits;
```

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

#### 1.2 CoolTShirts Web Build Summary

There are four pages of the CoolTShirts build:

- Landing Page
- Shopping Cart
- Checkout
- Purchase

SELECT DISTINC page\_nameAS 'CoolTShirts Webpages' FROMpage\_visits;

#### CoolTShirts Webpages

- 1 landing\_page
- 2 shopping\_cart
- 3 checkout
- 4 purchase

## 2. User Journey

## 2.1 How many first touches is each campaign responsible for?

- Of the 8 campaigns, only 4 are responsible for first touches
- Medium "Interview With CoolTShirts Founder" is the most successful campaign to bring *new users* to the website

source	campaign	ft per campaign
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

```
--User Journey
-- How many first touches is each campaign responsible for?
WITH first_touch AS (
  SELECTuser id
    MIN(timestamp) as first_touch_at
  FROMpage visits
  GROUP BYuser_id),
ft attr AS (
 SELECTft.user_id,
    ft.first touch at,
    pv.utm source,
    pv.utm_campaign
 FROMfirst touch ft
JOIN page_visitspv
  ONft.user id = pv.user id
  AND ft.first_touch_at = pv.timestamp
SELECTft_attr.utm_source AS 'source',
   ft_attr.utm_campaign as'campaign',
   COUNT(*) ASft per campaign'
FROMft attr
GROUP BY 1, 2
ORDER BY 3 DESC:
```

# 2.2 How many *last touches* is each campaign responsible for?

- Each campaign generates visits
- The weekly newsletter brings in more last touches than those using Google search "CoolTshirts"

source	campaign	It per campaign		
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		

```
-- How many last touches is each campaign responsible for?
WITH last_touch AS (
  SELECTuser_id
    MAX(timestamp) as last touch at
  FROMpage_visits
  GROUP BYuser id),
It_attr AS (
 SELECTIt.user id.
    It.last_touch_at,
    pv.utm_source,
    pv.utm_campaign
 FROMlast_touch It
 JOIN page_visitspv
  ON lt.user_id= pv.user_id
  ANDIt.last touch at=pv.timestamp
SELECTIt attr.utm source AS 'source',
   It_attr.utm_campaign as'campaign',
   COUNT(*) ASIt per campaign'
FROMIt attr
GROUP BY 1.2
ORDER BY 3 DESC:
```

# 2.3 How many visitors make a purchase? Which campaign has the most impact on purchases? --How many visitors make a purchase?

- Of the site visits, 361 yielded purchases (count not shown)
- Email and targeted ads yielded more purchases than mediabased campaigns

Source	Campaign	Last touch = purchase		
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		

```
SELECT COUNT(DISTINCTSer id) AS 'purchasers'
FROMpage_visits
WHEREpage name= '4-purchase':
-- How many last touches on the purchase page is each campaign
responsible for?
WITH last_touch AS (
  SELECTuser id
    MAX(timestamp) as last_touch_at
  FROMpage_visits
                WHEREpage name= '4-purchase'
  GROUP BYuser id).
It attr AS (
 SELECTIt.user id.
    It.last touch at
    pv.utm_source,
    pv.utm campaign
 FROMlast touch It
 JOIN page_visitspv
  ONIt.user id=pv.user id
  ANDIt.last_touch_at=pv.timestamp)
SELECTIt attr.utm source AS 'source',
   It_attr.utm_campaign as'campaign',
   COUNT(*) AS 'last touch = purchase'
FROMIt_attr
GROUP BY 1.2
ORDER BY DESC:
```

## 3. Campaign Optimization

## Campaign optimization (5/8 Campaigns)

- While the Google "Paid Search generates the highest conversion of purchases, it has the lowest number of purchases **ELIMINATE**
- Google 'Cool-Tshirts-Search' campaign has the lowest first touch and purchase conversion **ELIMINATE**
- The email 'retargetting campaign" has a large number of purchases <u>but only half as many as the top performers</u>. To <u>focus on increased traffic</u>, <u>eliminate</u> the email 'retargetting campaign" and reinvest in high traffic and high -conversion campaigns

source	campaign	First Touch Per Campaign	% FT	Last Touch per Campaign	%LT	Last Touch = purchase	%Purch.	purchases per last visit (%)
google	paid-search	0	0%	178	9%	52	14%	29%
email	weekly-newsletter	0	0%	447	23%	115	32%	26%
facebook	retargetting-ad	0	0%	443	22%	113	31%	26%
email	retargetting-campaign	0	0%	245	12%	54	15%	22%
buzzfeed	ten-crazy-cool-tshirts-facts	576	29%	190	10%	9	2%	5%
nytimes	getting-to-know-cool-tshirts	612	31%	232	12%	9	2%	4%
medium	interview-with-cool-tshirts- founder	622	31%	184	9%	7	2%	4%
google	cool-tshirts-search	169	9%	60	3%	2	1%	3%