



## Intro

Questions – Who knows what it is? Who's doing it? (QA speak up)

Old methods of conversion analysis falling apart – Attribution getting more popular

Previously reserved for enterprises – making its way to SMB

# Cast Of Characters

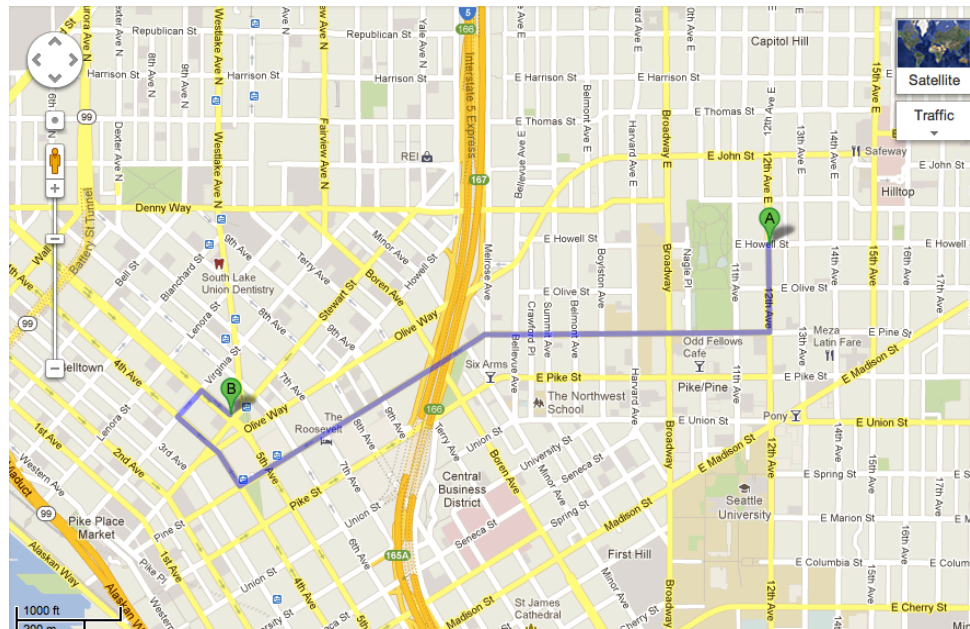


<http://bit.ly/excel-ninja>

GA

Microsoft Excel (I wrote it)

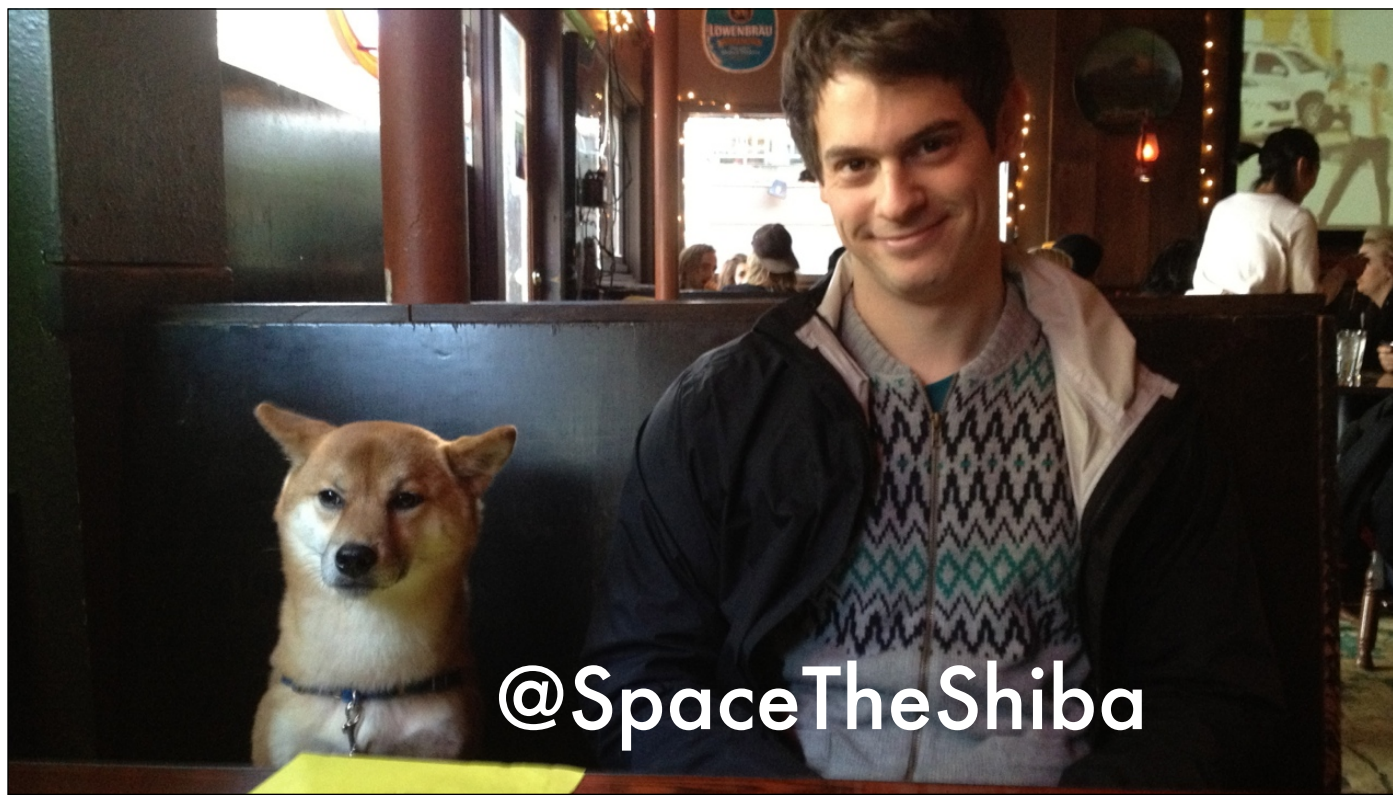
Lead SEO – Do traditional SEO like link building and keyword research, but most interested in measurability, and using data to back business and strategy decisions



Came down the hill for this presentation  
Moving soon, don't care that I'm broadcasting my home  
I do live near Rand, and have a similar commute, which means that I get to see  
Rand pop up as foursquare mayor everywhere along the way

*And Introducing...*





My dog Space.

I'm pretty much allergic to stock photography and feel like kittens are a bit overused. So instead of board room hand shakes and LoLCats, Space will pop up here and there.

Space is a Shiba Inu, a Japanese breed. He's three years old, and he's been doing SEO his whole life.

Yes, he looks like a fox.



Space works at Distilled too. If you can call this working. This couch has a fine layer of Space hair all over it.



@geoffkenyon

Every once in a while we wake him up to get some work done. Looks a little groggy here no?

He is good at what he does, though. Very driven. When clients come to us with seemingly unreasonable demands like ranking #1 for shoes, we put space on the job.





Space says, “just pump the swedish techno and keep my coffee cup full”. 4 hours later, he’s done.

He cannot be poached from Distilled. We offered him a lucrative treat-based set of bonuses in order to keep him from entertaining offers from other agencies.

let me **Google** that for you

what is attribution modeling

Google Search

I'm Feeling Lucky

Let's get into it.

We have to define AM, but to do so I'm not going to read off the definition from Wikipedia or Google.

# Let's follow a conversion path

Instead let's follow a conversion path.

We'll take a specific conversion here, too. A \$1500 SEOmoz conference ticket.

# 1 Referral from searchengineland.com



First exposure to the SEOmoz site comes through a referral

# Organic Search - "SEO conference"





# Referral from Twitter



# Direct



# 5 Paid Advertisement



fire of 1,000 suns



(not provided)

Branded Organic Search - “seomoz  
conference”



8  
Direct





Purchase

# Who Gets the Credit?

- 1 Referral from searchengineland.com
- 2 Organic Search - "SEO conference"
- 3 Referral from Twitter
- 4 Direct
- 5 Paid Advertisement
- 6 (not provided)
- 7 Branded Organic Search - "seomoz conference"
- 8 Direct

You can make the case for many of these.

Maybe you're a startup, and that first exposure is key

Maybe you're investing in SEO, and ranking for the nonbranded is a goal

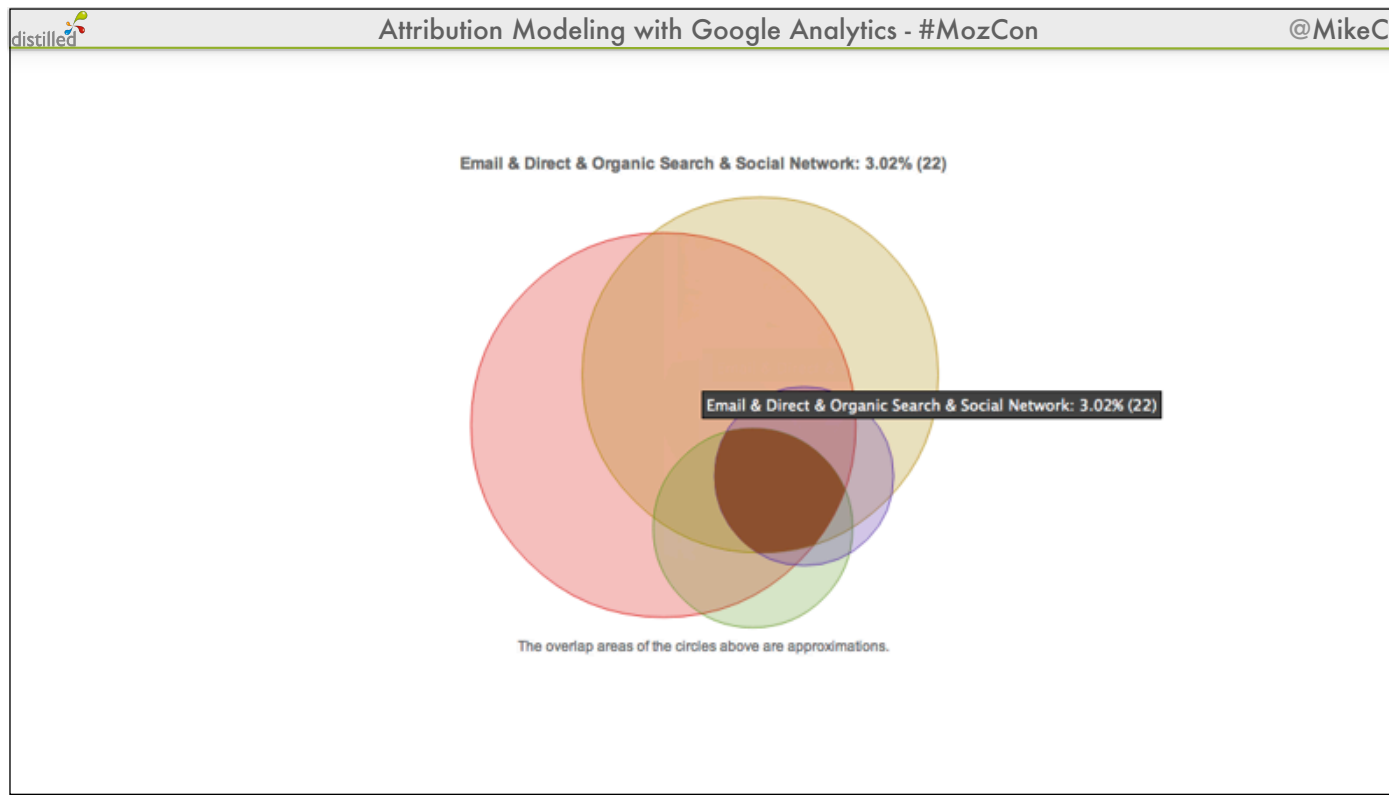
Maybe you've got a company wide initiative to improve social presence



# Who Gets the Credit?

- 1 Referral from searchengineland.com
- 2 Organic Search - "SEO conference"
- 3 Referral from Twitter
- 4 Direct
- 5 Paid Advertisement
- 6 (not provided)
- 7 Branded Organic Search - "seomoz conference"
- 8 Direct

That kinda sucks



Screenshot from GA's MCF reports, but it demonstrates the significant overlap that takes place



It's a lot like this. Layers.

## Attribution Modeling is about trying to solve this problem

Because, take that one conversion path, and multiply it by a lot. The customer journey is not linear. It basically never was, but we're just getting to a point where we can actually account for those touchpoints.

Only 14% of respondents to a recent survey by GA feel as though last-click is very effective, yet over 50% still use it. It's increasingly common at large organizations, but is trickling down into SMBs.

And it's not just confined to web analytics.

Even offline decisions.

# True(r) ROI

The holy grail is the truest ROI. We're looking at a simplistic ROI measurement now with last click.

I want you to be the person responsible for out-strategizing and out-measuring your competition. I think this is how it's done.

Notice, trueR. Absolute perfection may be impossible. Why? Cause this shit is complex.

# Why It's Hard



Cookies are serving as the primary key. The linker throughout the conversion path.

But cookies crumble.

clear them, Switch devices, Switch browsers, friends computer.

Not to mention: offline and non-clicking interactions:

WOM, brick & mortar, radio, TV, print, email impressions, RSS

Certainly not an excuse to give up!

We may never link these all together to model things perfectly. We'd need a new primary key. Something linked to our identity, and tracking all of our interactions throughout the day.



Primary Key  
Sergey Brin

Brand impressions in last 30 days  
1,301

Brand mentions in last 30 days  
24

Purchases  
1

This is a BIT tongue in cheek, but MAYBE its a reality in the future. Imagine Google Glass providing all of this data as a paid service to businesses. Tinfoil hat stuff, if you ask me, but I think it's worth thinking about.





Let's do some modeling

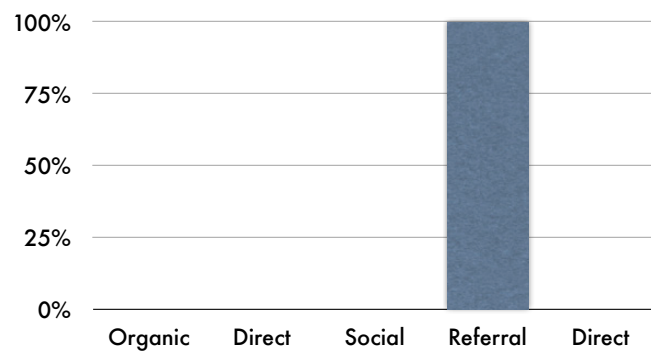
Tinfoil hat off, let's get into how measurement can be improved with AM. This is Space's modeling pic.



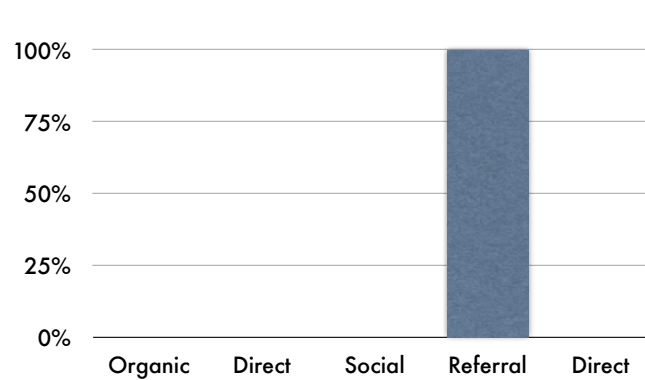
- 
1. Organic
  2. Direct
  3. Social
  4. Referral
  5. Direct

Simple conversion path, selling a \$1,000 item.

# Last Non-Direct

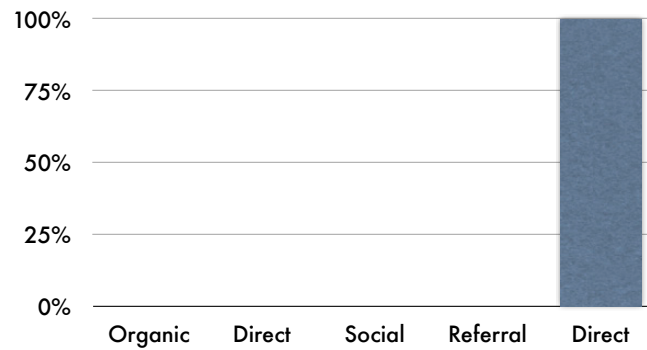


# Last Non-Direct



Organic	\$0
Direct	\$0
Social	\$0
Referral	\$1,000

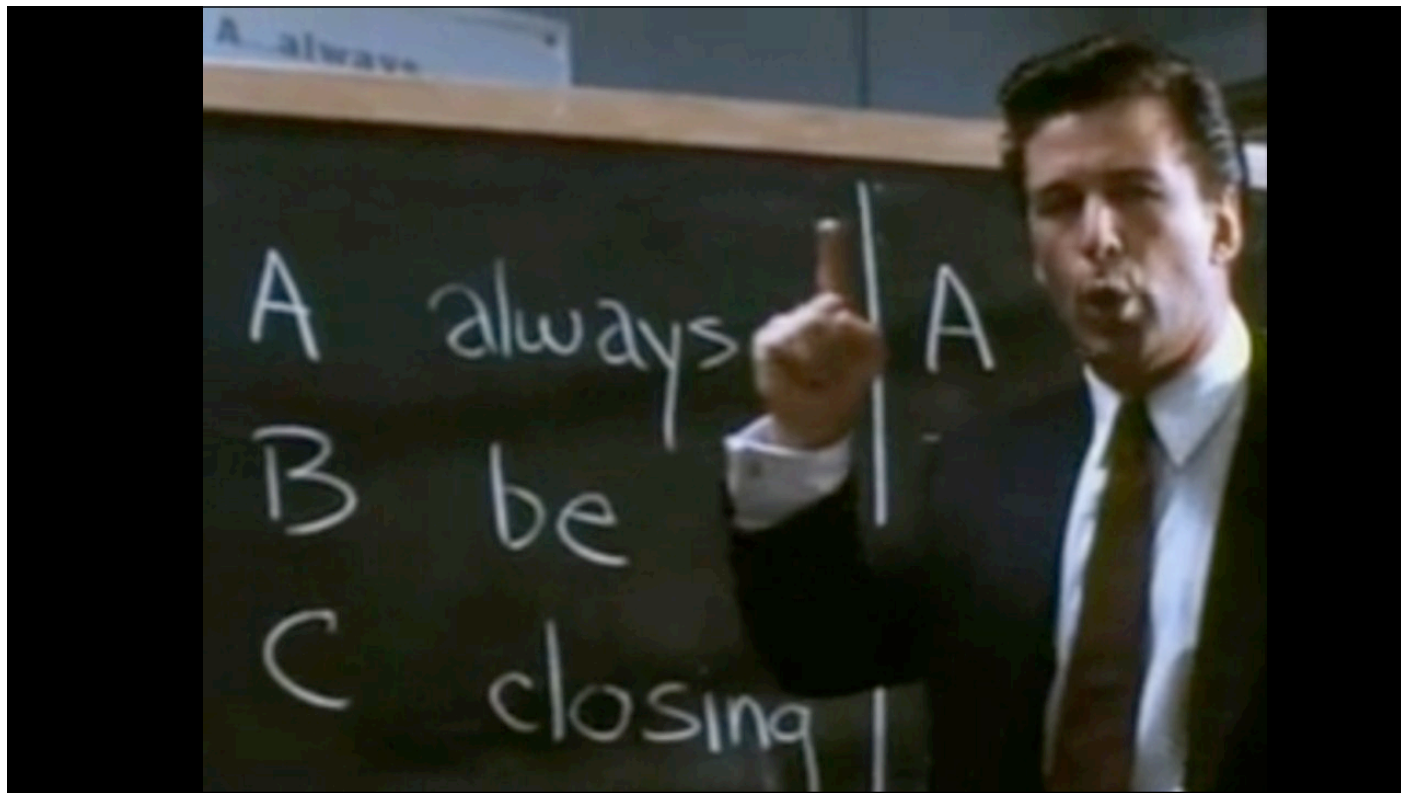
# Last Touch - The Closer



# Last Touch - The Closer

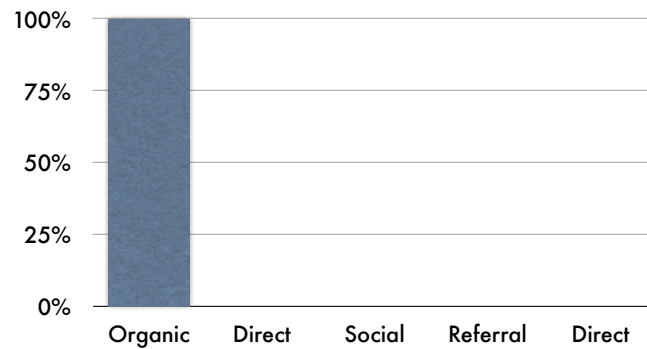


Organic	\$0
Direct	\$1,000
Social	\$0
Referral	\$0



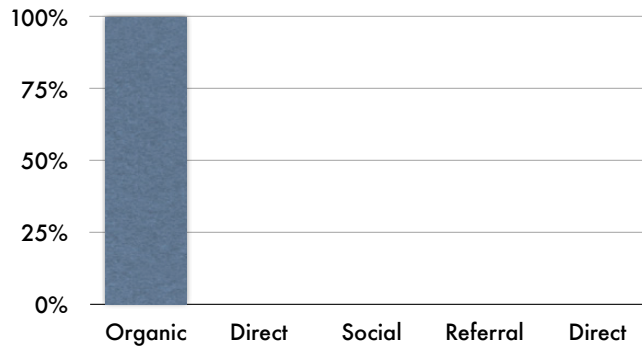
always be closing

# First Touch - Like A Virgin



the opposite – Madonna

# First Touch - Like A Virgin



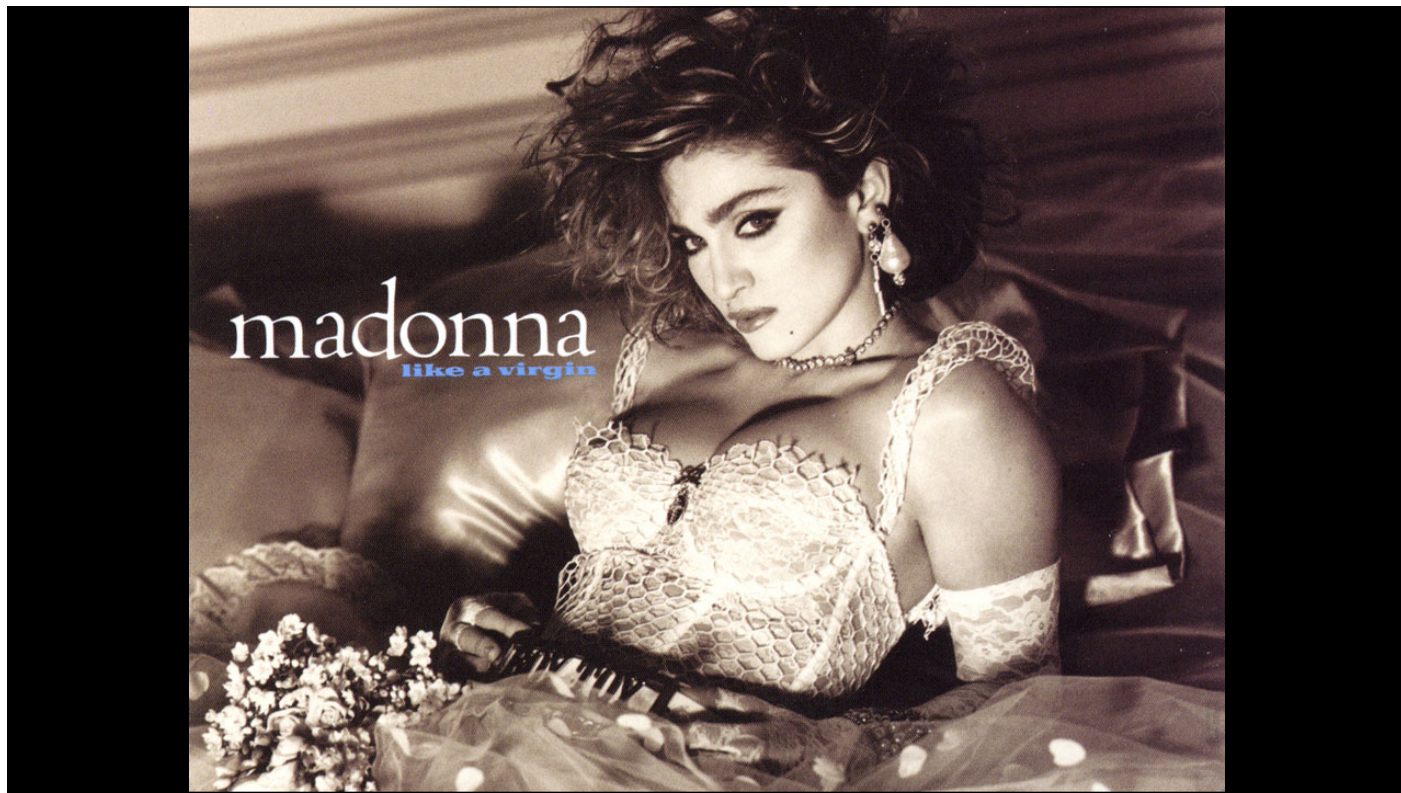
Organic	\$1,000
Direct	\$0
Social	\$0
Referral	\$0

Organic gets \$1,000. What does everyone else get?



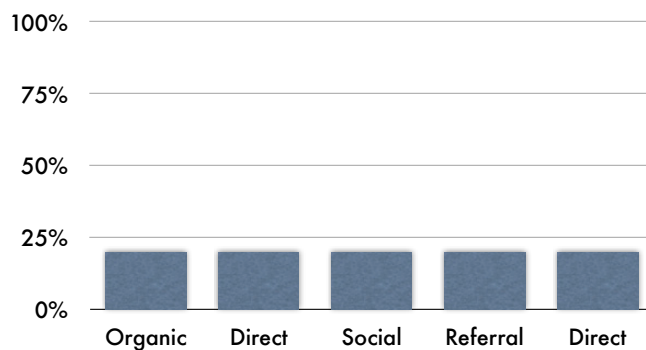


set of steak knives



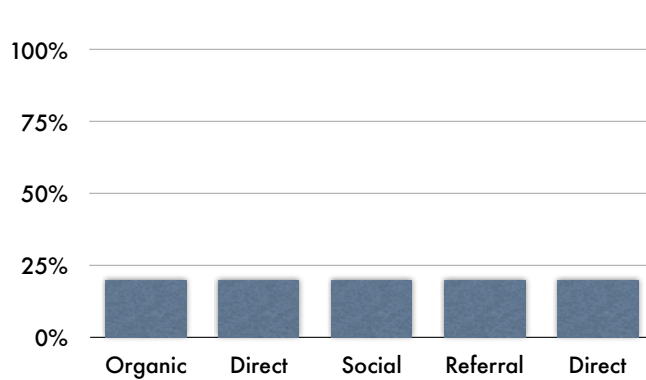
just kidding, here's madonna

# Linear - The Oprah



Distribution of revenue across all touchpoints evenly  
Alternate name: socialist. I'm leaving politics out though.

# Linear - The Oprah



Organic \$200

Direct \$400

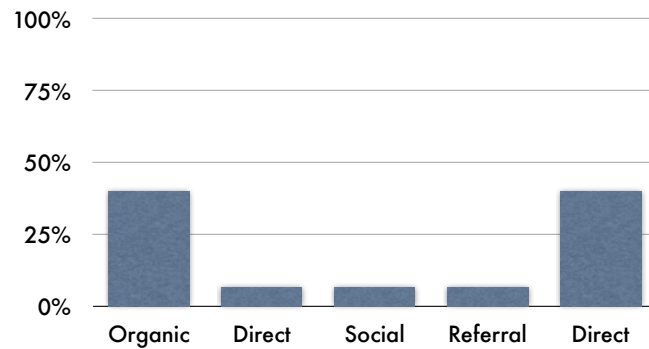
Social \$200

Referral \$200



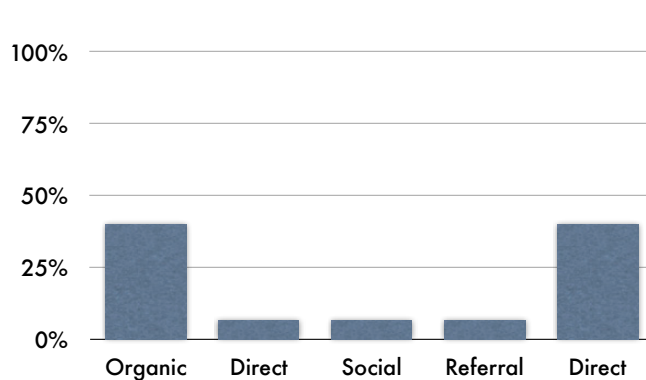
Bees!

# U-Curve - The Beavis and Butthead



U-Curve or Position Based. Alternate name – the longhorn (for kate morris)

# U-Curve - The Beavis and Butthead

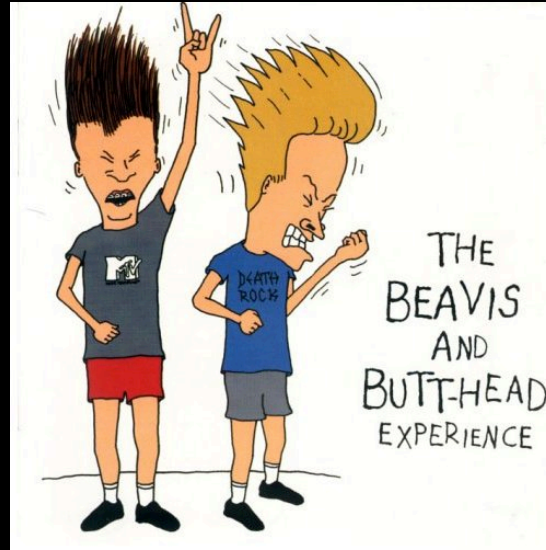


Organic \$400

Direct \$467

Social \$67

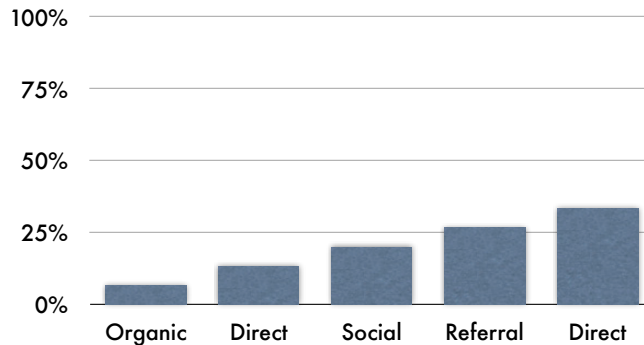
Referral \$67



Butthead doing the internal sign for position based AM



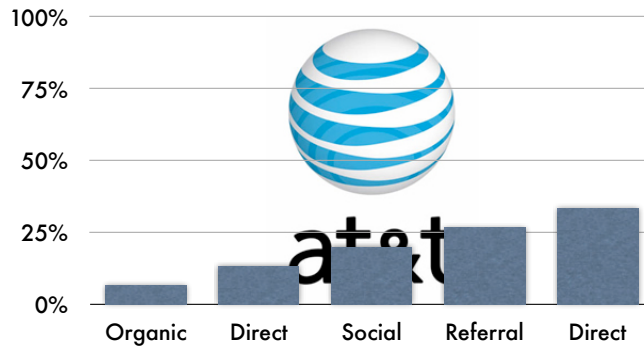
# Time Decay - Cell Phone Bars




Call this the cell phone bars

In a time decay model, the events that occur close to the sale are given more credit according to a general rule (e.g., events within the last 7 days get +10pts) or formula (e.g., -10pts for each day before 24 hours prior to the sales event).

# Time Decay - Cell Phone Bars




Organic \$67  
Direct \$467  
Social \$200  
Referral \$267

	Last Non-Direct	Last Touch	First Touch	Linear	U-Curve	Time Decay
Organic	\$0	\$0	\$1,000	\$200	\$400	\$67
Direct	\$0	\$1,000	\$0	\$400	\$467	\$467
Social	\$0	\$0	\$0	\$200	\$67	\$200
Referral	\$1,000	\$0	\$0	\$200	\$67	\$267

Sorry for the table, so I put a picture of sleepy space at the top

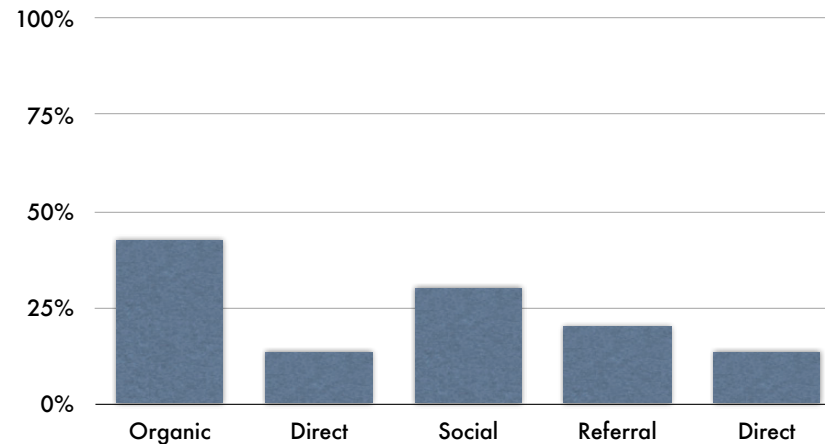
Take a look at how different this all breaks down according to our different models



Basic Channel Grouping		Value ▾			% Change from Last Non-Direct Click	
		Last Non-Direct Click ↓	Time Decay	Position Based	Time Decay	Position Based
1.	Direct	€3,459,962.15	€4,831,951.05	€4,757,171.67	39.65%	37.49%
2.	Organic Search	€2,314,030.79	€1,357,980.24	€1,412,617.45	-41.32%	-38.95%
3.	Email	€580,589.79	€395,867.30	€406,361.09	-31.82%	-30.01%
4.	Referral	€294,339.83	€166,646.65	€176,413.58	-43.38%	-40.06%
5.	Paid Search	€277,145.37	€242,174.28	€238,861.56	-12.62%	-13.81%
6.	(Other)	€73,656.70	€34,240.25	€29,761.41	-53.51%	-59.59%
7.	Social Network	€43,582.92	€18,936.34	€23,600.38	-56.55%	-45.85%
8.	Display	€18,889.57	€14,400.94	€17,409.93	-23.76%	-7.83%

Screenshot from GA premium. Real numbers here. Look at how different our old method of attribution (last click) is to these more complex and more holistic models. See some 50%+s!

# Custom



Lastly, many large organizations go custom on this. Maybe you want to take a baseline model that we mentioned before and discredit direct visits. Or there's a company-wide social push and we want to grant all social interactions 1.5x. Further, we could discredit channels that send a bounce visit. Lots to do here if you have the technology.



Conversions
▸ Goals
▸ Ecommerce
▾ Multi-Channel Funnels
Overview
Assisted Conversions
Top Conversion Paths
Time Lag
Path Length

Theory over. Let's get to the DOING.



## The First Step to Recovery

First step to knowing you have an attribution modeling problem is this report:

# Path Length Report

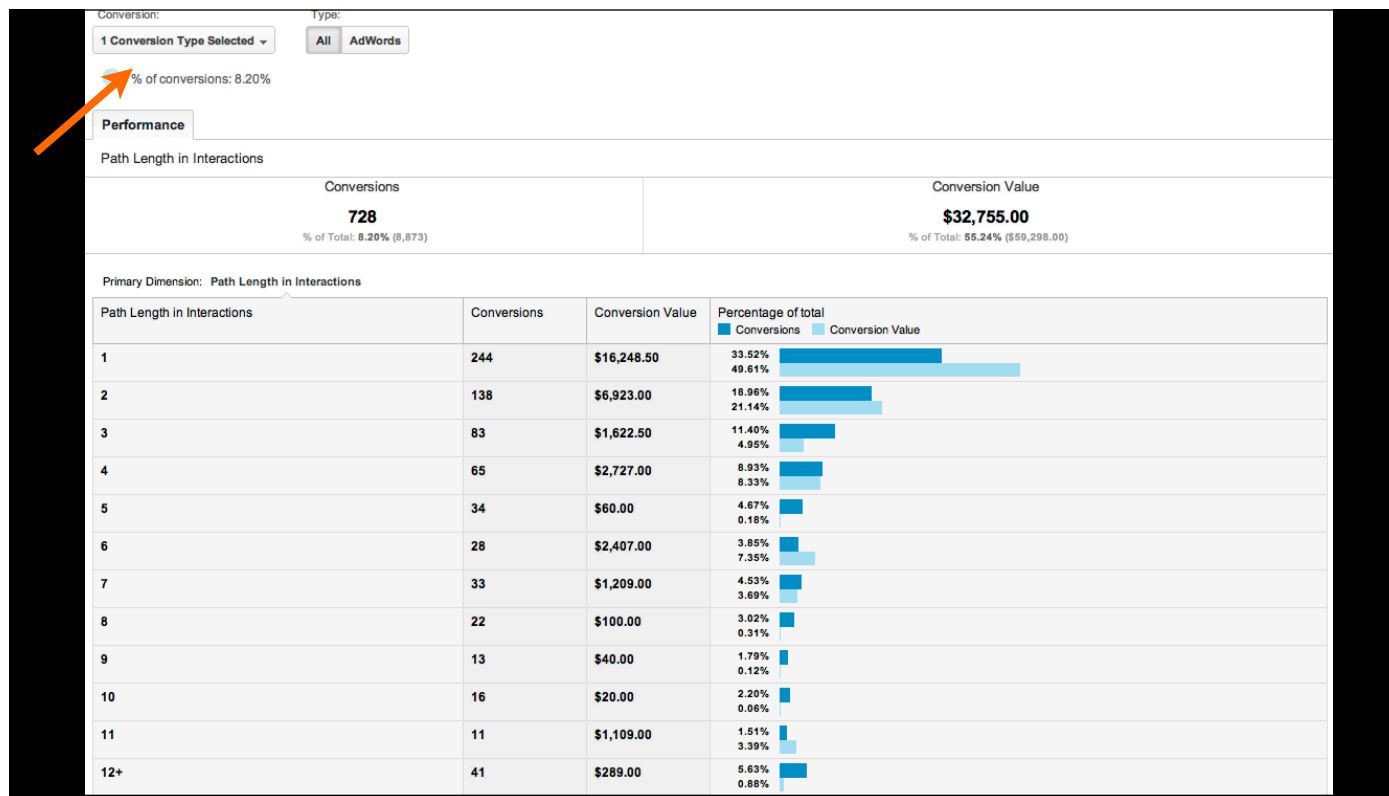
Conversions	Conversion Value
<b>728</b>	<b>\$32,755.00</b>
% of Total: 8.20% (8,873)	% of Total: 55.24% (\$59,298.00)

Primary Dimension: Path Length in Interactions

Path Length in Interactions	Conversions	Conversion Value	Percentage of total	
			Conversions	Conversion Value
1	244	\$16,248.50	33.52%	49.61%
2	138	\$6,923.00	18.96%	21.14%
3	83	\$1,622.50	11.40%	4.95%
4	65	\$2,727.00	8.93%	8.33%
5	34	\$60.00	4.67%	0.18%
6	28	\$2,407.00	3.85%	7.35%
7	33	\$1,209.00	4.53%	3.69%
8	22	\$100.00	3.02%	0.31%
9	13	\$40.00	1.79%	0.12%
10	16	\$20.00	2.20%	0.06%
11	11	\$1,109.00	1.51%	3.39%
12+	41	\$289.00	5.63%	0.88%

If a massive amount of your conversions take place with only 1 interaction, you might not really have an attribution problem. That's cause your conversion paths aren't getting very complex. This is likely very rare, but could happen.





One caveat: If you're looking at this report, which you must do, make sure you've selected a conversion with monetary value. Non-value conversions will muck up our data. eComm transactions are the obvious best choice, but contact forms with goal values are fine.

# Like Advanced Segments - But Awesomer

The screenshot shows the 'Conversion Segments' interface in Google Analytics. At the top, there are tabs for 'Conversion Segments' and 'Export'. Below the tabs, the title 'Conversion Segments' is followed by the instruction 'Select up to four segments to compare'. There are two main columns: 'Default Segments' and 'User-defined Segments'. The 'Default Segments' column contains a list of checkboxes for various criteria: 'All Conversions', 'Time Lag > 1 day', 'Path Length > 1', 'Any interaction is Referral', 'First interaction is Paid Advertising', 'Last interaction is Paid Advertising', 'First interaction is Direct', 'Last interaction is Direct', 'First interaction is Organic Search', and 'Last interaction is Organic Search'. The 'User-defined Segments' column contains a list of checkboxes for 'Remove Free Items', 'Purchase > \$500', and 'Only Free Items', each with an 'edit' link. At the bottom right, there are 'Apply' and 'Cancel' buttons. A link 'Create New Conversion Segment' is located at the top right of the interface.

Conversion Segments Export

**Conversion Segments**

Select up to four segments to compare

**Default Segments**

- ☐ All Conversions
- ☐ Time Lag > 1 day
- ☐ Path Length > 1
- ☐ Any interaction is Referral
- ☐ First interaction is Paid Advertising
- ☐ Last interaction is Paid Advertising
- ☐ First interaction is Direct
- ☐ Last interaction is Direct
- ☐ First interaction is Organic Search
- ☐ Last interaction is Organic Search

**User-defined Segments**

- ☐ Remove Free Items [edit](#)
- ☐ Purchase > \$500 [edit](#)
- ☐ Only Free Items [edit](#)

[Create New Conversion Segment](#)

Apply Cancel

Perhaps you want to segment the conversions. This tool is like advanced segments, only conversion focused. So we can look at conversions that are more than \$500 and learn quite a bit from our reports

# Assisted Conversions Reports

Basic Channel Grouping		Assisted Conversions	Assisted Conversion Value	Last Interaction Conversions	Last Interaction Conversion Value	Assisted / Last Interaction Conversions
1.	Direct	300	\$5,894.00	261	\$12,171.40	1.15
2.	Email	263	\$10,133.50	412	\$16,773.00	0.64
3.	Organic Search	113	\$6,931.00	26	\$3,670.80	4.35
4.	Referral	107	\$6,323.00	24	\$40.00	4.46
5.	Social Network	104	\$3,546.00	5	\$100.00	20.80



This ratio is pretty awesome once you have an understanding of what it means.

A ratio of 0 is at the bottom of the funnel – These are strictly closers and aren't assisting at all. Alec Baldwin would like them.

A ratio of 1 means that channel acted as equal parts assister and closer. And the further you get from 1 the more it was in the assist role. Social obviously with a high number there. Strictly assisting, basically.

# Top Conversion Paths

	Basic Channel Grouping Path	Conversions	↓	Conversion Value
1.	Direct → Direct	263		\$596.00
2.	Email → Email	213		\$108.00
3.	Direct → Direct → Direct	117		\$568.00
4.	Referral → Direct	111		\$562.00
5.	Organic Search → Direct	109		\$626.00
6.	Referral → Referral	86		\$508.00
7.	Direct → Email	84		\$1,203.00
8.	Organic Search → Organic Search	83		\$508.00
9.	Social Network → Direct	83		\$76.00

This is a pretty report, but it's not actionable. You might be able to impress people with it, but you're not changing anything.

Basic Channel Grouping			Conversion Value
1.	Direct	Direct	\$596.00
2.	Email	Email	\$108.00
3.	Direct	Direct	\$568.00
4.	Referral	Direct	\$562.00
5.	Organic Search		\$626.00
6.	Referral	Referral	\$508.00
7.	Direct	Email	\$1,203.00
8.	Organic Search		\$508.00
9.	Social Network		\$76.00



I get yelled at by Space if I spend too much time looking at this report



Go ~~Costume~~ Custom!

I must encourage you to go custom

# OMG DO THIS!

Primary Dimension: **Basic Channel Grouping Path** [Source/Medium Path](#) [Source Path](#) [Medium Path](#) [Other](#) [Channel Groupings](#)

Secondary dimension [▼](#)












Basic Channel Grouping Path

1. [Email](#) [Email](#)

- Distilled Channels [edit](#) [copy](#)
- Long-Tail Measurement [edit](#) [copy](#)
- Create a custom Channel Grouping...
- Copy Basic Channel Grouping template...

Set up custom channel groupings. The basic ones are okay, but you'll get so much more out of these reports and the tool I'll be releasing later if you familiarize yourself with this.




**Label Rules** Define labels for channels based

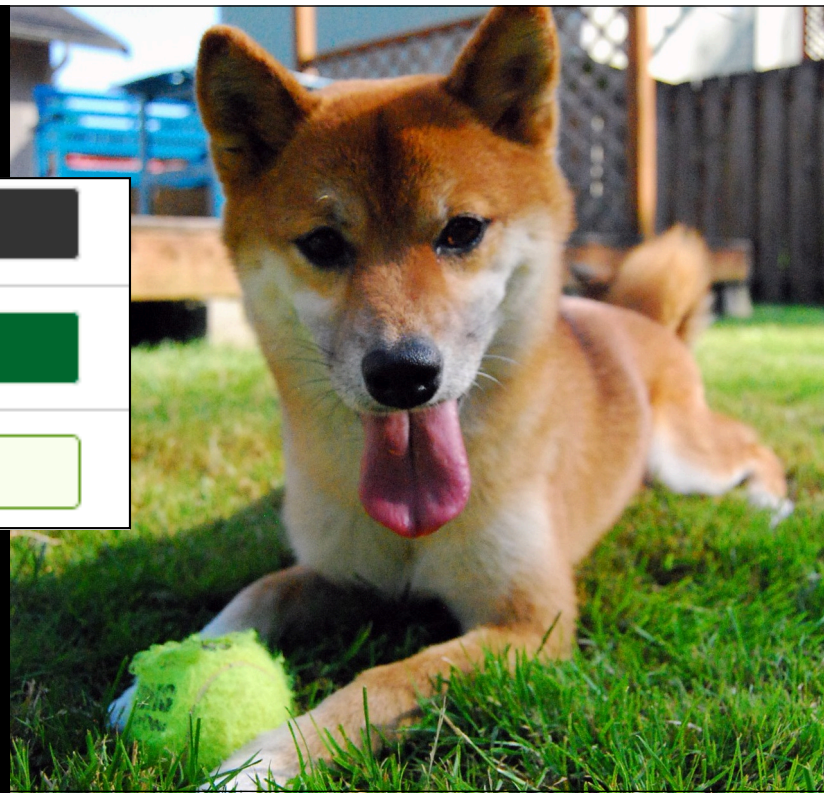
1.  SEOmoz
2.  Affiliates
3.  Stupid (not provided)
4.  Non-Branded Organic
5.  Branded Organic Search
6.  Social Network
7.  Referral
8.  Email
9.  Feed
10.  Direct
11.  Paid Advertising

# Distilled's Channels


Here's what we do at Distilled. You'll notice we've broken out referrals from SEOmoz since there's a lot of back and forth between our sites. Affiliate links are being properly tracked. And I want to highlight the next three.



3.  Stupid (not provided)
4.  Non-Branded Organic
5.  Branded Organic Search



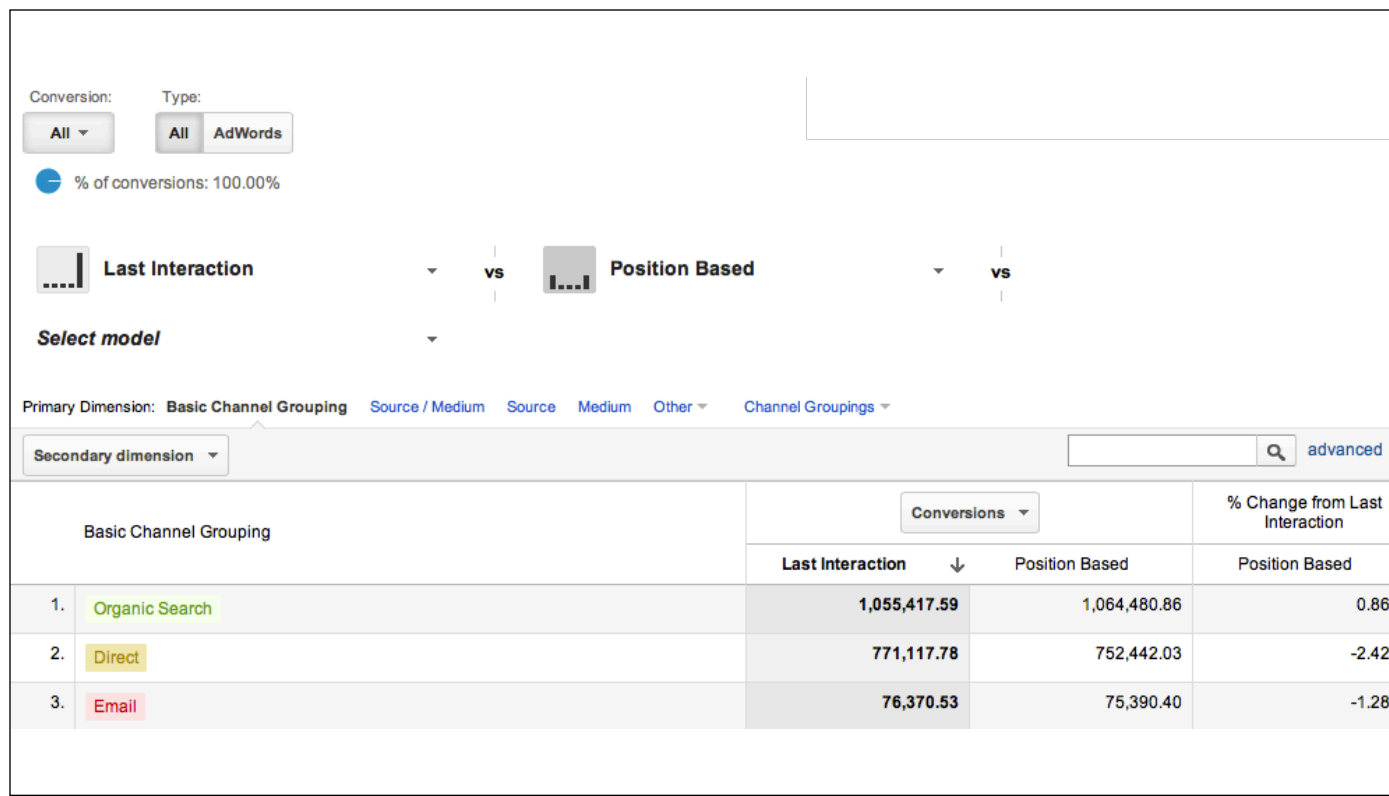
they make space happy. DO THIS! Should be doing it in your regular reports too, but it's awesome in MCF as well.

Channel Grouping		Assisted Conversions	Assisted Conversion Value	Last Interaction Conversions	Last Interaction Conversion Value	Assisted / Last Interaction Conversions
1.	Direct					
2.	Email					
3.	Referral					
4.	Stupid (not provided)					
5.	Social Network					
6.	SEOMoz					
7.	Branded Organic Search					
8.	Non-Branded Organic					

Primary reason: You may find that your non-branded organic search terms are performing even better than you had thought, warranting more time and money investment in the channel.

The logo for Google Analytics Premium, featuring the word "Google" in its multi-colored font, followed by "Analytics Premium" in a grey sans-serif font. The logo is centered within a white rectangular box, which is itself centered on a solid orange background.

Briefly about GA Premium. GA Premium has a built in AM tool, which is nice. It's the logical next step on top of MCF.



It looks like this, and it allows for on-the-fly modeling switches, as well as some nice custom model options. If you have GA Premium, mess around with this tool, you'll learn a lot. If not...



# Tool Time!

TOOLTIME!

I must say that I originally intended for this slide to have a transition much akin to home improvement's transitions. I was gonna have a hammer knocking the slide down to reveal the next. Then when I realized 2 hours had passed, I gave up.

Anyway.



When Space wasn't looking I started doing something that he would've yelled at me about.

	Basic Channel Grouping Path	Conversions	↓	Conversion Value
1.	Direct → Direct	263		\$596.00
2.	Email → Email	213		\$108.00
3.	Direct → Direct → Direct	117		\$568.00
4.	Referral → Direct	111		\$562.00
5.	Organic Search → Direct	109		\$626.00
6.	Referral → Referral	86		\$508.00
7.	Direct → Email	84		\$1,203.00
8.	Organic Search → Organic Search	83		\$508.00
9.	Social Network → Direct	83		\$76.00

I got to thinking about this conversion path report that we previously deemed a bit shit. If we can make it list out every path to a conversion, couldn't we then export and do our own attribution calculations in Excel?

The answer is yes.

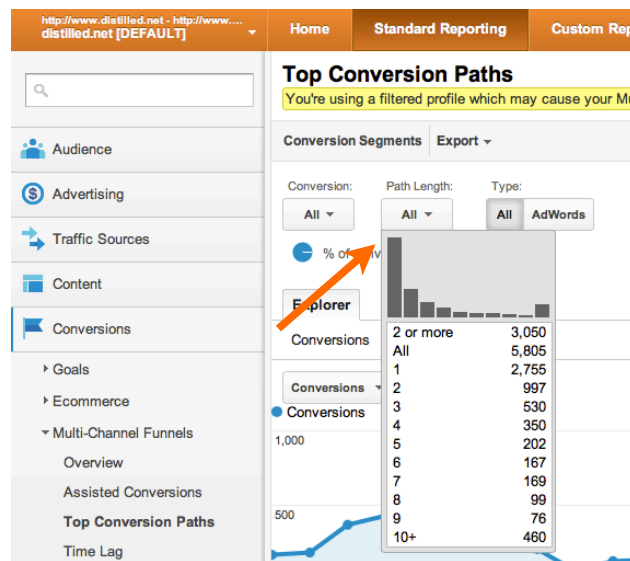


[bit.ly/mozmodeling](https://bit.ly/mozmodeling)

So here's the Excel tool. I'll briefly walk through how it works, but the instructions are also in the file.



# Step 1



[bit.ly/mozmodeling](http://bit.ly/mozmodeling)

# Step 2 & 3

Conversion: Path Length: Type:

All All All AdWords

Select all | none Show all | selected

Search

▼ <input checked="" type="checkbox"/> <b>Ecommerce</b>	751
<input checked="" type="checkbox"/> Transaction	
▼ <input type="checkbox"/> <b>Goal</b>	
<input type="checkbox"/> Goal 1: Contact - Main Contact Form	116
<input type="checkbox"/> Goal 2: Contact - London Page	7
<input type="checkbox"/> Goal 3: Contact - New York Page	3

9 \$0.00

Show rows

Go to: 1 1 - 10 of 289 < >

10 25 50 100 250 500

[bit.ly/mozmodeling](http://bit.ly/mozmodeling)

# Step 4

Primary Dimension: **Basic Channel Grouping Path** [Source/Medium Path](#) [Source Path](#) [Medium Path](#) [Other](#) [Channel Groupings](#)

Secondary dimension [Basic Channel Grouping Path](#)

1. [Email](#)

- Distilled Channels [edit](#) [copy](#)
- Long-Tail Measurement [edit](#) [copy](#)
- Create a custom Channel Grouping...
- Copy Basic Channel Grouping template...

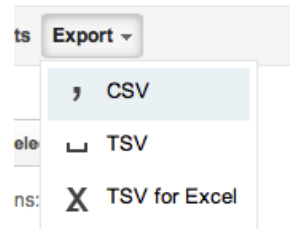
Advanced

Conversion

## Optional, But Highly Recommended!!

[bit.ly/mozmodeling](https://bit.ly/mozmodeling)

# Step 5 & 6



C1			
	A	B	C
1	#		
2	# distilled.net		
3	# Top Conversion Paths		
4	# 20120520-20120619		
5	#		
6			
7	Basic Char Conversio	Conversion	
8	Email	128	\$249.00
9	Direct	87	\$648.00
10	Direct > Er	18	\$0.00
11	Direct > Di	15	\$996.00
12	Email > En	10	\$0.00



[bit.ly/mozmodeling](http://bit.ly/mozmodeling)

# Voila!

A54		f_x			
A	B	C	D	E	F
	Linear	Last Touch	First Touch	Time Decay	Position Based
<b>TOTALS</b>	<b>317,576.90</b>	<b>317,576.90</b>	<b>317,576.90</b>	<b>317,576.90</b>	<b>317,576.90</b>
Direct	138,889.97	152,421.50	120,359.50	142,272.57	137,495.79
Stupid (not provided)	43,801.28	37,312.00	49,635.50	42,025.07	43,581.18
Branded Organic Search	44,717.40	47,230.90	45,869.90	44,354.08	45,860.70
Email	33,852.48	30,930.00	33,621.00	34,294.34	32,683.39
SEOMoz	23,954.20	37,114.00	16,787.00	27,505.39	25,767.14
Referral	11,584.61	4,152.00	19,863.50	9,762.91	11,940.56
Social Network	16,093.77	5,827.00	24,773.50	13,378.45	15,630.12
Non-Branded Organic	3,037.55	1,491.50	4,091.00	2,317.12	2,738.32
Affiliates	649.66	0.00	1,897.00	435.90	978.40

[bit.ly/mozmodeling](http://bit.ly/mozmodeling)

largely dummy data to protect the innocent but somethings are obvious:  
non-branded organic is hurting (need to create more conversion-focused content?)

social perhaps deserves more credit

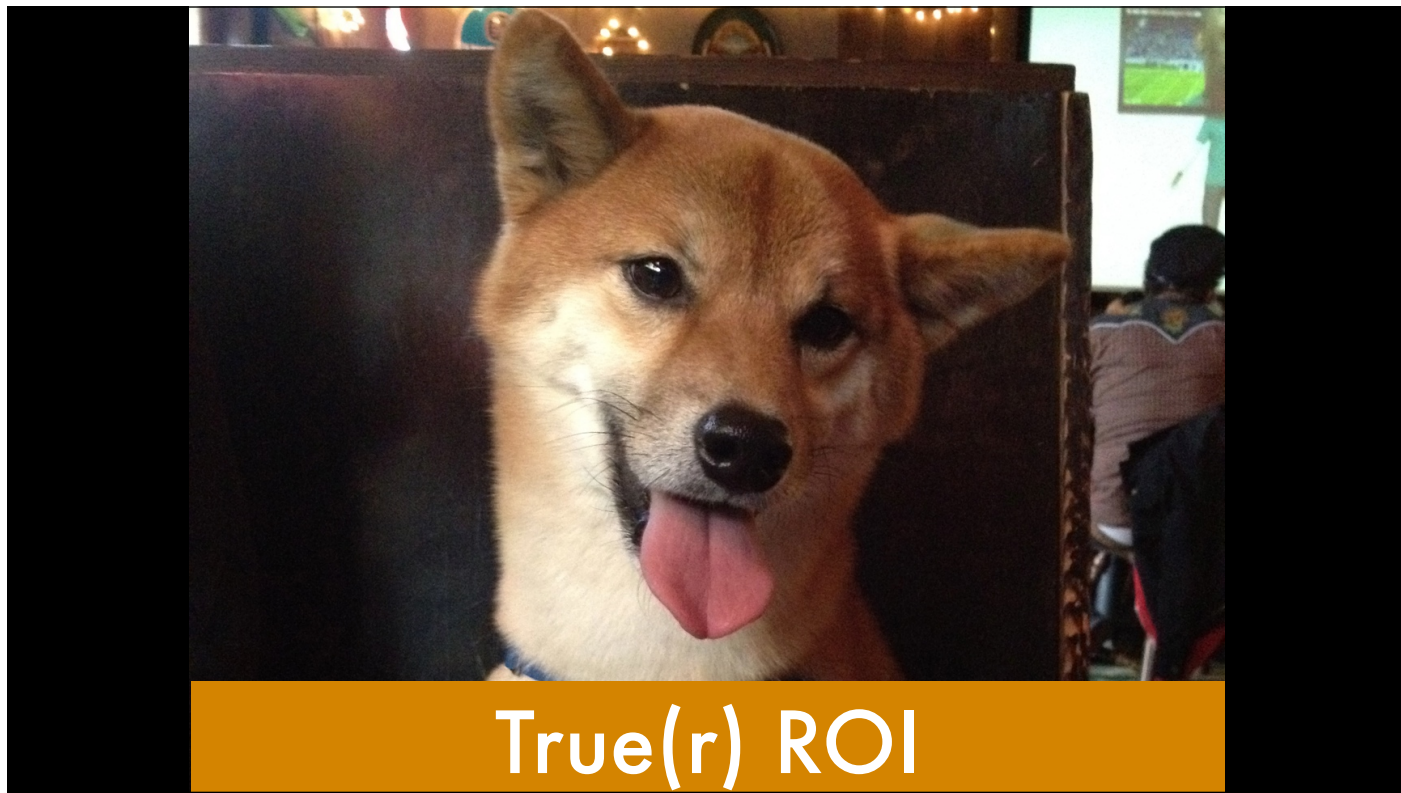
Email is performing

and not provided can still go burn in hell

# Shortcomings

30 days  
political  
untracked impressions  
offline

but



True(r) ROI

Benefit is a truer sense of ROI. Way better than what we've been using.

Take things a step further:



**Do Some Mini-Modeling**



channel specific deep dives



**Name:**

e.g., Generic keywords vs. Brand keywords

**Label Rules** Define labels for channels based on specific rules (e.g., if keyword contains "hotel", label it as "Generic keywords").

1.  Generic [Edit](#) [Delete](#)
2.  Branded [Edit](#) [Delete](#)
3.  Product Category 1 [Edit](#) [Delete](#)
4.  Product Category 2 [Edit](#) [Delete](#)

Let's look at the interplay between your high and low funnel campaigns. Yeah, your generic keywords are often the most expensive, and the ROI can be hard to justify. But what if it deserves more credit as the exposor? Or the user is clicking a generic ad, then clicking a deeper page ad and converting.



Do something like this and you'll get a nice view like this (again maybe not so actionable)

	Linear	Last Touch	First Touch	Time Decay	Position Based	Last Non-Direct
<b>TOTALS</b>	<b>357,621.98</b>	<b>357,621.98</b>	<b>357,621.98</b>	<b>357,621.98</b>	<b>357,621.98</b>	<b>357,621.98</b>
Product Category	96,556.05	77,310.49	124,706.85	87,195.77	99,176.70	77,310.49
Mini-Store	19,915.00	17,064.75	23,094.34	18,920.18	19,968.58	17,064.75
Brand	73,865.38	79,112.03	69,370.36	77,369.48	74,553.74	79,112.03
Manufacturer Brand Names	60,371.53	43,002.90	72,832.94	55,093.61	59,239.98	43,002.90
(none)	71,811.22	109,955.65	23,675.20	86,527.58	68,387.77	109,955.65
organic	29,180.07	27,492.16	35,507.20	27,040.59	30,327.58	27,492.16
General High Funnel	3,922.56	1,653.92	7,153.91	2,830.51	4,269.30	1,653.92
referral	2,000.17	2,030.08	1,281.18	2,644.27	1,698.32	2,030.08

But drop it into the tool, and things can change quite a bit. Look at “general high funnel”’s first–touch vs last–touch numbers. Very revealing.

**Name:**

e.g., Generic keywords vs. Brand keywords

**Label Rules** Define labels for channels based on specific rules (e.g., if keyword contains "hotel", label it as "Generic keywords").

1.  Branded [Edit](#) [Delete](#)
2.  Specific Keyword [Edit](#) [Delete](#)
3.  Variations of Specific Keyword [Edit](#) [Delete](#)
4.  New Targeted Keywords [Edit](#) [Delete](#)

Perhaps you have keywords you've been targeting with SEO efforts, but are disappointed to see conversions from those keywords aren't flowing in. Perhaps they're operating in an assist role, primarily, and deserve more credit.

**Name:**

e.g., Generic keywords vs. Brand keywords

**Label Rules** Define labels for channels based on specific rules (e.g., if keyword contains "hotel", label it as "Generic keywords").


- |    |   |   |
|----|---|---|
| 1. | <input type="text" value="1 Word Keywords"/>  | <a href="#">Edit</a> <a href="#">Delete</a> |
| 2. | <input type="text" value="2 Word Keywords"/>  | <a href="#">Edit</a> <a href="#">Delete</a> |
| 3. | <input type="text" value="3 Word Keywords"/>  | <a href="#">Edit</a> <a href="#">Delete</a> |
| 4. | <input type="text" value="4+ Word Keywords"/> | <a href="#">Edit</a> <a href="#">Delete</a> |

Or how about the interplay between keyword length. Some regex and we'll have data on that.

**Name:**

e.g., Generic keywords vs. Brand keywords

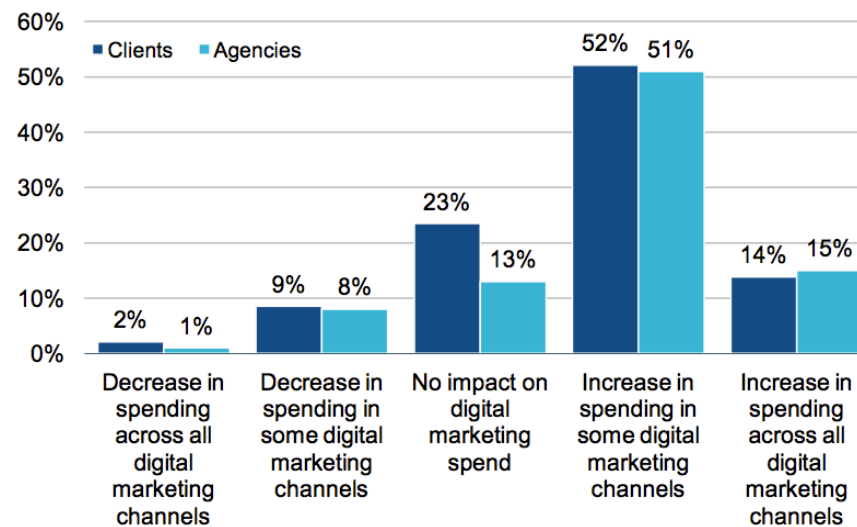
**Label Rules** Define labels for channels based on specific rules (e.g., if keyword contains "hotel", label it as "Generic keywords").

- |    |   |   |
|----|---|---|
| 1. |  Referrer 1    | <a href="#">Edit</a> <a href="#">Delete</a> |
| 2. |  Referrer 2    | <a href="#">Edit</a> <a href="#">Delete</a> |
| 3. |  Referrer 3    | <a href="#">Edit</a> <a href="#">Delete</a> |
| 4. |  Everyone Else | <a href="#">Edit</a> <a href="#">Delete</a> |

Or perhaps you do more detailed referral analysis. Maybe you're adjusting the way you approach partnerships.

# Smarter Budget Allocation

I'll start to wrap up, but AM allows for smarter budget allocation. Truer ROI will help you justify spending. And most often it's about confidence, too.

**Figure 6: Primary Impact of Attribution on Digital Spending***Number of respondents: 401*

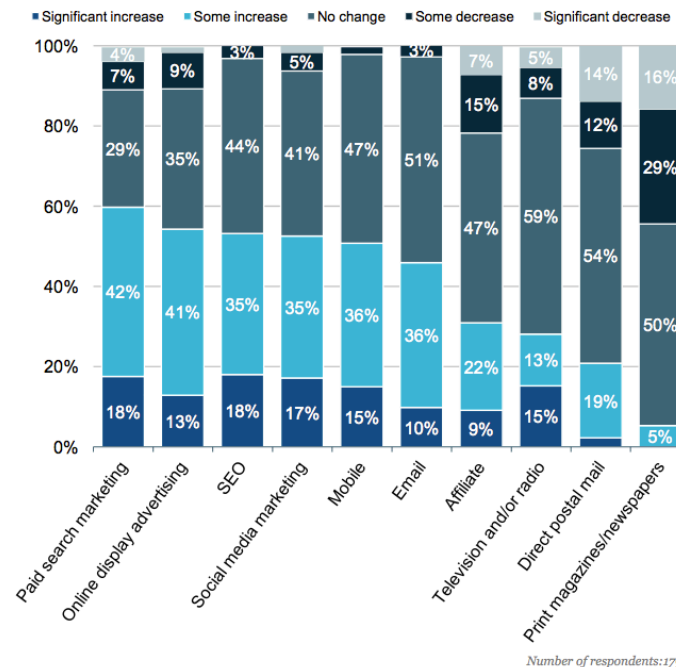
Source: <http://bit.ly/O0I7gd>

This study shows by eConsultancy and GA showed respondents largely increasing spends as a result of AM. They can more accurately detect, have the confidence to invest, and do so.



# Smarter Decision Making

With AM we can make smarter decisions.

**Figure 7: Changes to Channel Investments Resulting from Attribution**

I don't think anyone here will disagree that this is a smarter decision: Companies investing more in SEO, Paid Search, Social, and less in old media, print, direct mail.

# Smarter Online Marketing

With AM, you can't discount what an understanding of the whole picture will grant you. Even if you're just an SEO. Or just social. Knowing how the whole business makes money can help you internally significantly. Whether you want to move up to management, make more money, increase budget in your channel, etc.

# Now Go Play!



@aaron\_wheeler

Now please, go play. My tool's not perfect, but I think just getting a primer in this sort of thing will open some eyes. Take the next step to understanding conversions even better. Develop your own models and opinions on this. I'd love to hear your findings.





Photo Credits: Jacob Henry (@kleinja) and Rebecca Bridge (@rebeccabridge)

HAVE FUN!



# Q & A

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