Take Back Control of PPC in an Al World

Friends of Search 2020

Frederick Vallaeys - Optmyzr



HELLO!

I am Frederick Vallaeys

I am the Cofounder of



You can find me at @SiliconVallaeys or read my blogs on Search Engine Land.

FREDERICK VALLAEYS



DIGITAL MARKETING

IN AN

AI WORLD



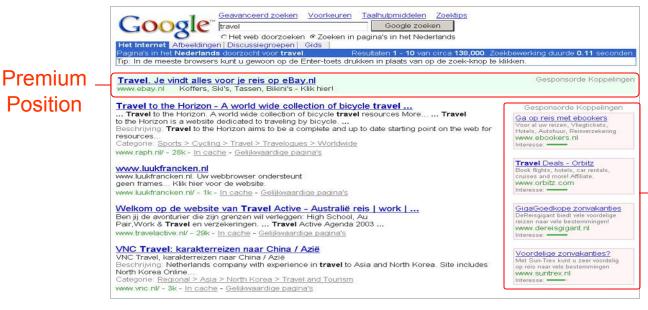
FUTUREPROOFING YOUR PPC AGENCY

Google AdWords

AdWords ads appear on the right side of the page on Google

Cost per Click (CPC) pricing

Premium Positions fill the two top spots on our pages



AdWords



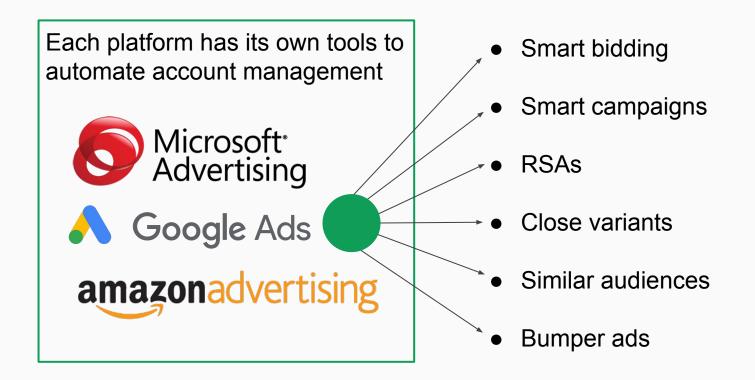
Agenda

- Why automation is inevitable and useful
- The 3 main problems automation has created
- 3 Ways to put humans back in control





Engines Automate the Details of PPC





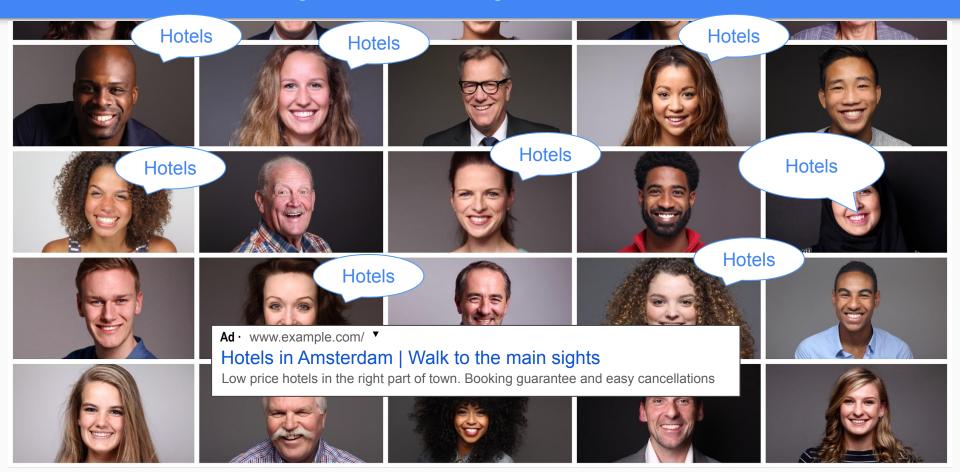
PPC Engine Task Automation Scorecard

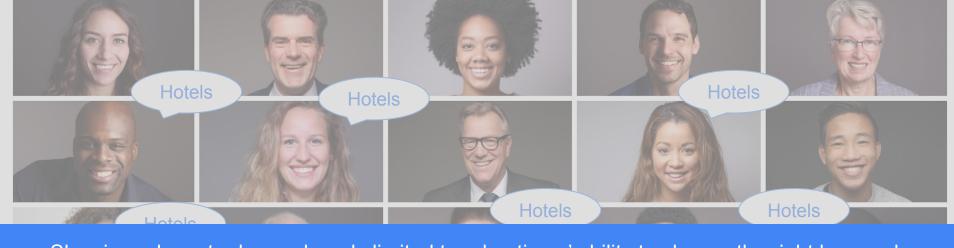
Use this to prioritize which automations to try first →

Task	Quality of Solution	Time Savings	Performance Gains
Bid management	Н	Н	Н
Budget pacing	Н	М	L
Budget allocation	M	L	Н
Campaign creation	L	Н	М
Creative generation	L	н	Н
Creative optimization	M	М	М
Targeting - Intent	M	М	Н
Targeting - Audience	М	М	Н
Reporting	Н	Н	N/A

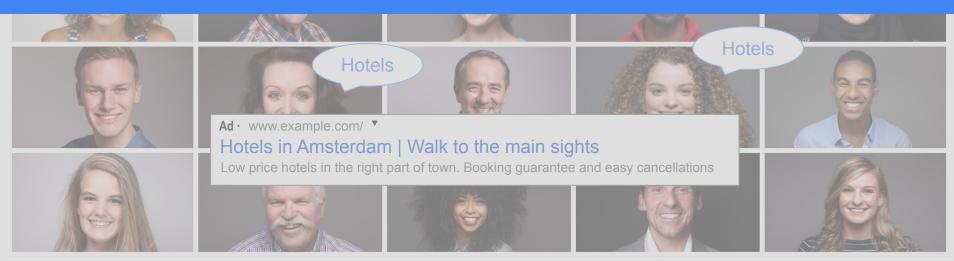


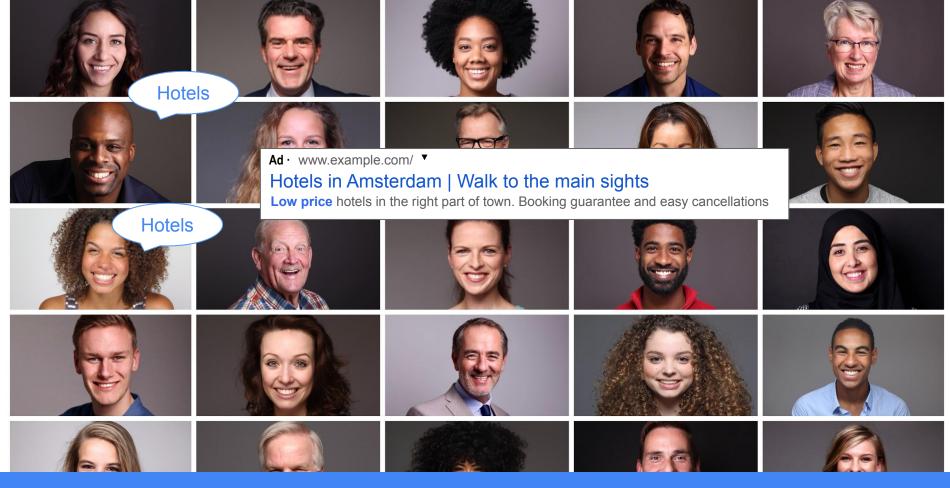
Machine Learning Can do Things Humans Can't





Showing relevant ads was largely limited to advertisers' ability to choose the right keywords





But some users prefer low priced hotels... automated targeting identifies them

And others prefer flexibility, Google identifies them and can bid the right amount



Automation is a Double Edged Sword

To get the full advantage of machine learning and the efficiency it can deliver, we must use <u>all</u> the automated features.

- Smart Bidding
- Smart Creatives
- Automated Targeting (Smart Campaigns)

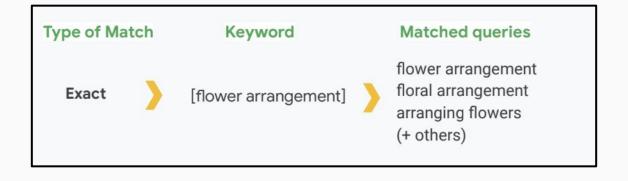
But by using all these features, we forego a lot of control



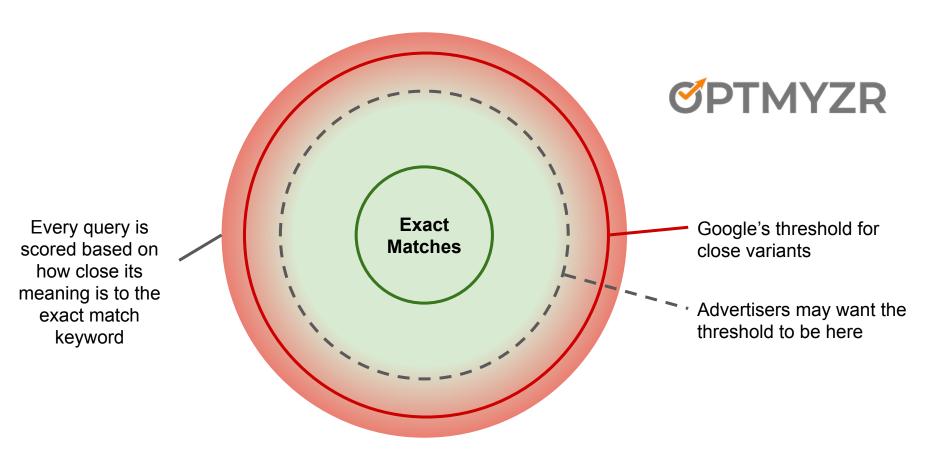
Why we need to take back control



Examples of Bad Decisions

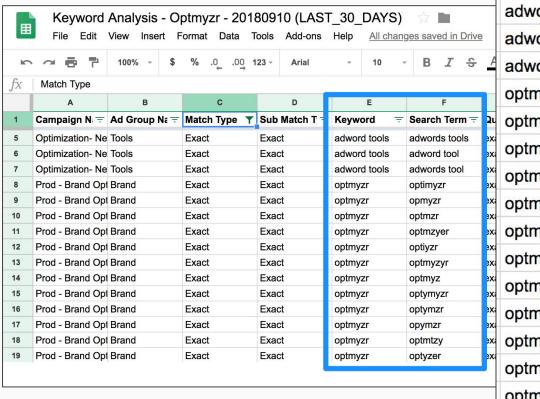


Close Variants — Forced to use it without control

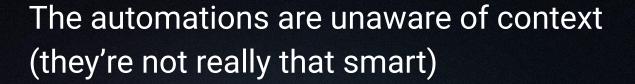


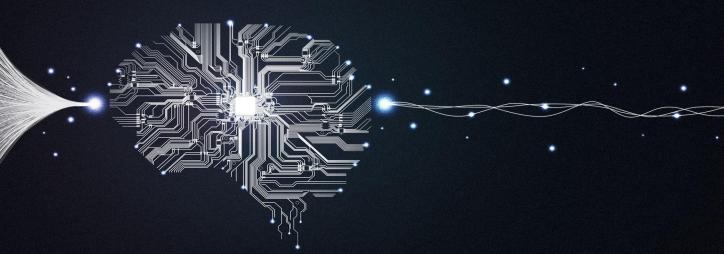
Use Ads Scripts to Help Manage Close Variants

Get the code: http://bit.ly/CloseVariants



Keyword =	Search Term =
adword tools	adwords tools
adword tools	adword tool
adword tools	adwords tool
optmyzr	optimyzr
optmyzr	opmyzr
optmyzr	optmzr
optmyzr	optmzyer
optmyzr optmyzr optmyzr	optiyzr
optmyzr	optmyzyr
optmyzr	optmyz
optmyzr	optymyzr
optmyzr	optymzr
opuny-	opymzr
optmyzr	optmtzy
optmyzr	optyzer





... You'll want to set up some monitoring systems.

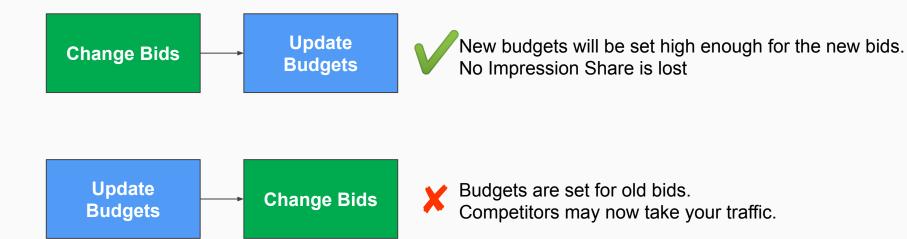
Tasks need a process to deliver successful results



What Does Process Mean in PPC

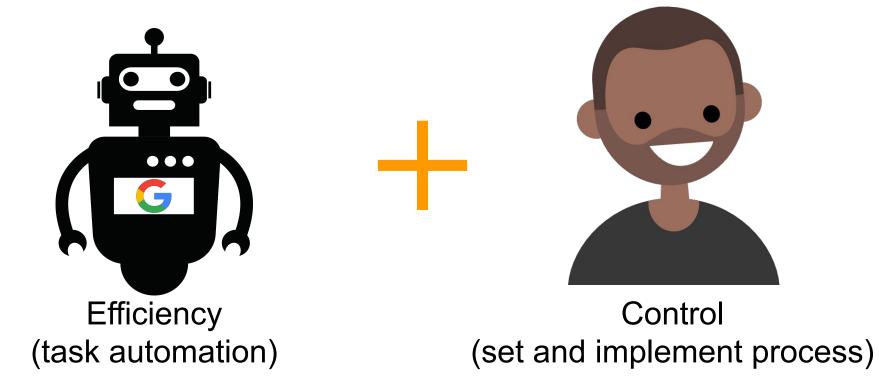
- → What task should be automated
- → What technology should be used
- → How often should it be done
- → In what **order** should tasks be done
- → What is the **interaction** with other processes

Process Makes a Difference





Human Process — Necessary to drive better PPC

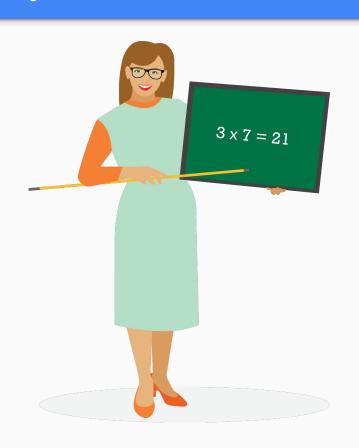


3 Ways to Take Back Control

3 PPC Roles Humans Will Play



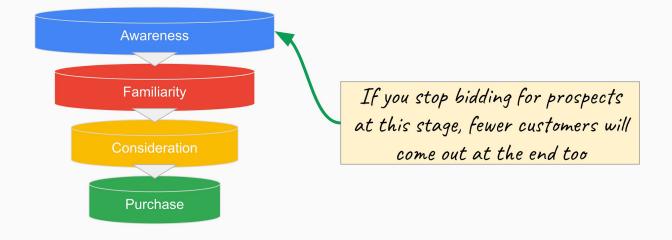




"PPC Doctors"



Prevent bad interactions, e.g. Smart Bidding with Last Click Attribution



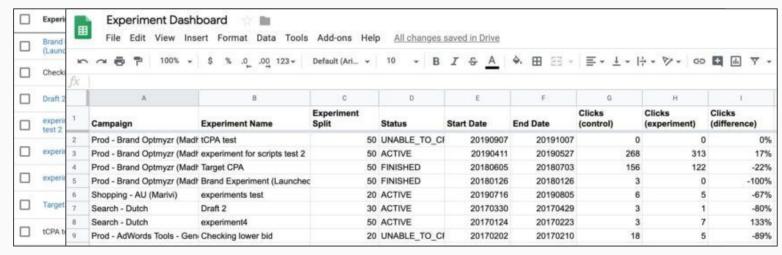


"PPC Pilots"



Monitor Automations

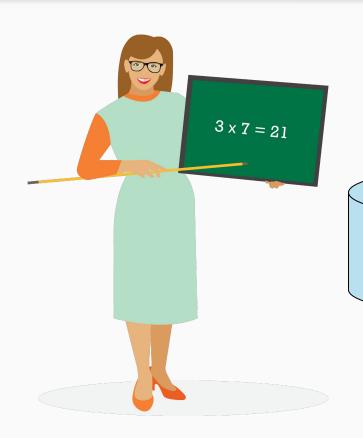
e.g. Set up an experiment dashboard so you can more effectively test automated bidding vs manual bidding



Methodology: http://bit.ly/experiment-dashboard



"PPC Teachers"



Teach the machine e.g. tell Smart Bidding to expect a flash sale





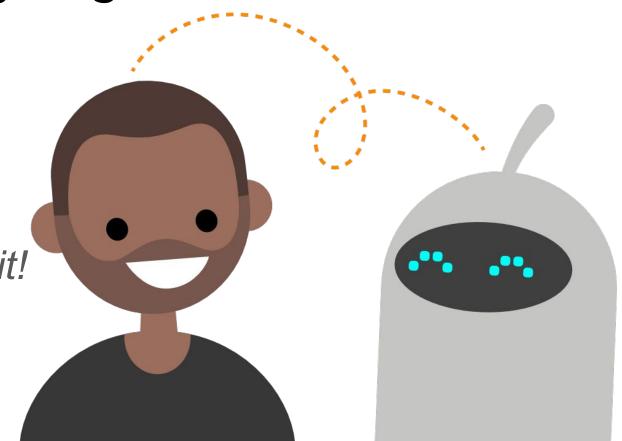


More manual work?

No Thanks!

Automation Layering

If you can write down your process, you **CAN** automate it!

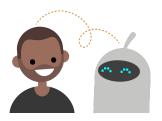


Google PPC is Better with Automation Layering



Machine learning picks the right products to show in a product ad

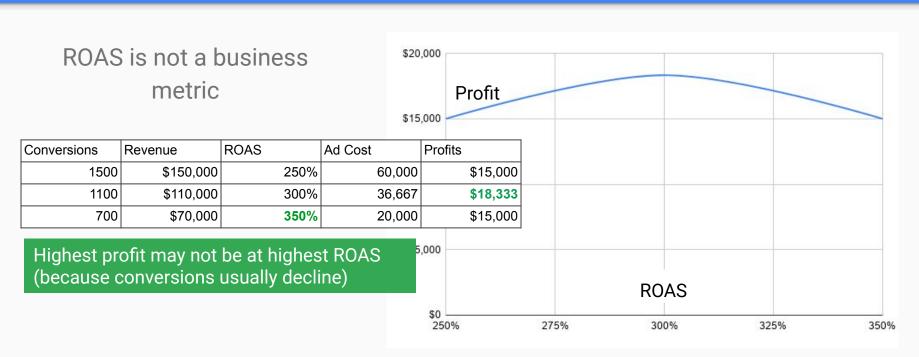




Automate customer match list updates + associate these to inventory driven campaigns



Bidding for Profits



Use Automation Layering to connect your business data (e.g. margins) to Smart Bidding



But Google Says Not to Change Targets Too Much

Google recommends not changing smart bidding targets more than ~20%.

But what do you do if your target is truly more than 20% different from before?

It's not that machine learning breaks with a big target change.

It's that the query mix will change more and the results may look unusual as a result and freak you out.

Automation Layering Example: Set the bids that make sense and use an automation of your own to manage new queries



PPC Management is Evolving

Pre 2020

- Struggle to keep up with all the tasks required to execute your strategy
- Limited time to think about strategy and process

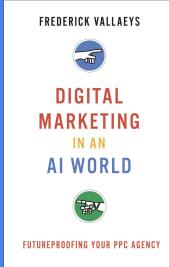


2020 and beyond

- Set strategy and process
- Pick ML/Al automations from the engines
- Add process that controls the engines' ML/AI (automation layering)
- Do more in less time



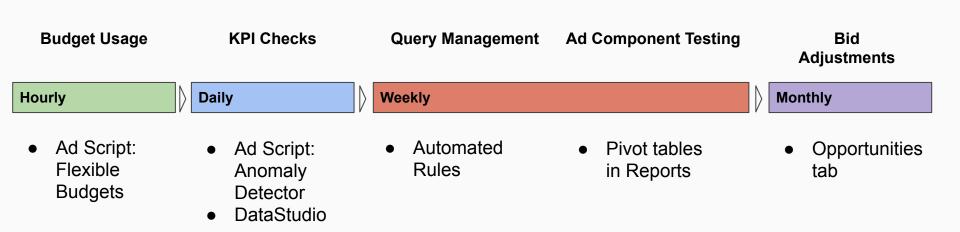




Thank You!

frederick@optmyzr.com @SiliconVallaeys

Pick the right automation in the right order





Examples of Automation Layering

Strategy	Engine ML / Al	Automation Layer
Evolve tCPA based on IS lost due to rank	Smart Bidding	Monitor and manage to changes in competitive landscape
Manage tROAS based on changes in price and profits	Smart Bidding	Use product catalog data to make tROAS targets dynamic
Monitor queries that are 'close variants'	Keyword expansion	Add negatives to make expansion less aggressive
Manage bid targets based on short term events	Smart Bidding	Use business data to set tCPA, tROAS or bid adjustments
Turn ads on and off based on inventory	Smart Creatives / Smart Bidding / Targeting	Use business data for pausing and enabling
Address low quality score	Prediction of relevance	Automatically move low QS keyword to new ad group with best ad
Show ads to similar audiences	Find similar users	Upload current customer match lists to Google automatically





Deep Blue vs Kasparov

In 1997, world chess champion Garry Kasparov is defeated by Deep Blue, IBM's supercomputer...

weak human + machine + better process

was ... remarkably superior to

strong human + machine + inferior process
-- Gary Kasparov

Not Every Automation Has to be Al

Automating Google Ads
is *not* the exclusive domain of Google.

You can automate things too!

Fred Vallaeys

In an automated PPC world, advertisers must make trade-offs



... But what if you could have both?

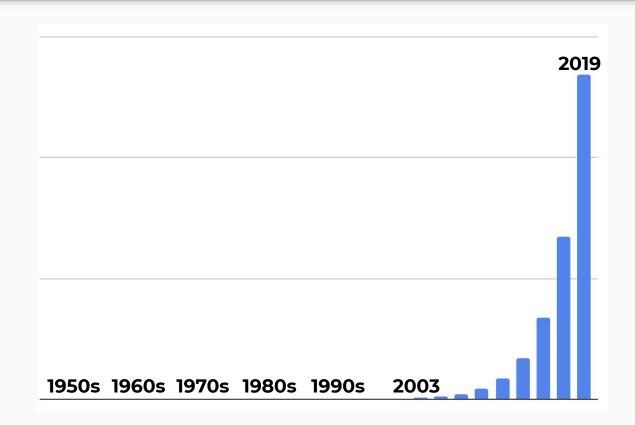
Control and Efficiency

Regain Control with Automation Layering

A Tipping Point in Processing Power

Moore's Law:

Performance doubles roughly every 2 years





Why We Need the Machines

A Practical Example

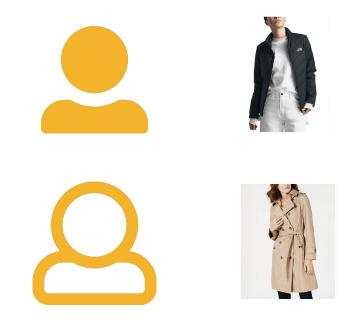
The Big Idea: Show More Relevant Products in Ads

Which product is someone more likely to buy when they do a search for 'coats'?





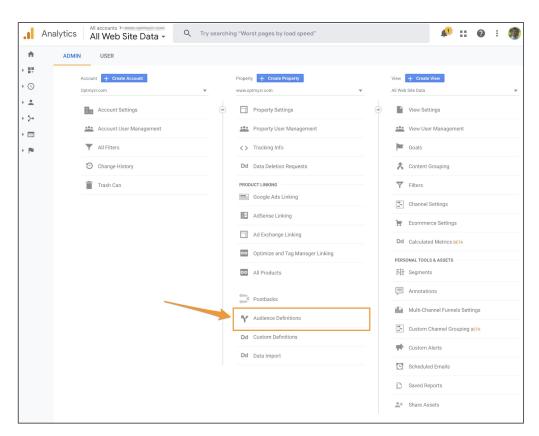
The Answer Lies In Your Audiences



Putting it Together: Create the Audience

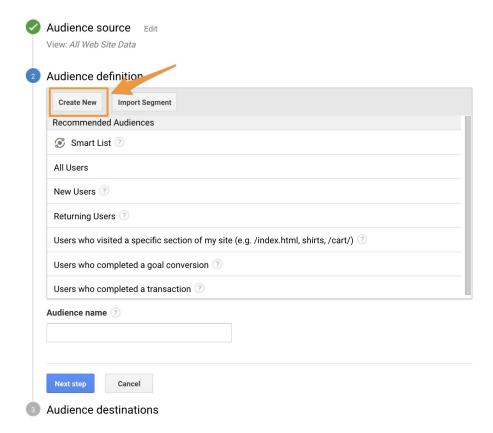
Google Analytics

Audience Definitions

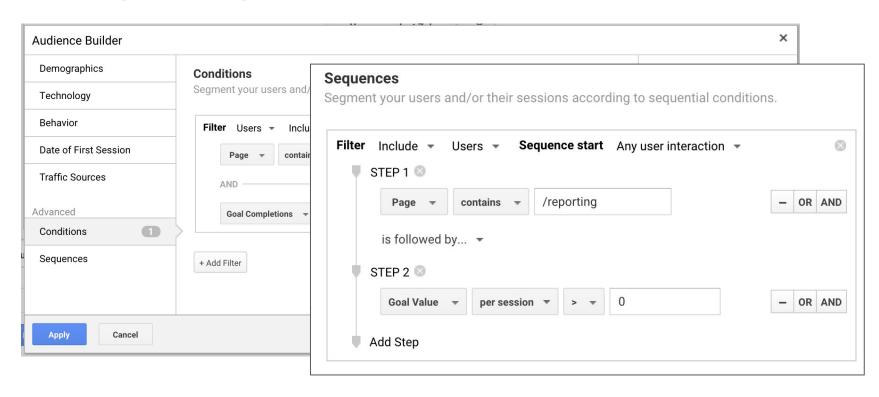


Putting it Together: Audience Builder

Create New



Putting it Together: Audience Builder



Putting it Together: Classifying the Feed

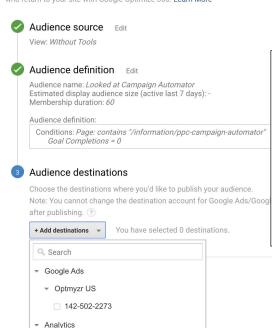
ID	Title	Brand
1645	Heatseeker Parka	North Face
1246	Aeroloft Running Coat	Nike
4385	Hooded Puffer Coat	Burberry
8759	Hooded Trench Coat	Cole Haan

ld	Title	Brand	Custom Label 0
1645	Heatseeker Parka	North Face	Athleisure
1246	Aeroloft Running Coat	Nike	Athleisure
4385	Hooded Puffer Coat	Burberry	Fashion
8759	Hooded Trench Coat	Cole Haan	Fashion

Putting it Together: Google Ads Campaigns

Audiences

Create audiences to engage with your users through Google's Audience marketing integrations, like Remarketing List who return to your site with Google Optimize 360. **Learn More**



www.optmyzr.com (UA-37884000-1)

What's next?



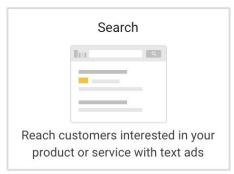
Create a Remarketing Campaign in Google Ads

Head over to Google Ads to start using this audience.

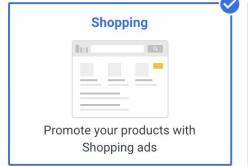
Click **Create Campaign** to open Google Ads and create a remarketing campaign targeted to this audience, choose a creative, and activate the campaign.

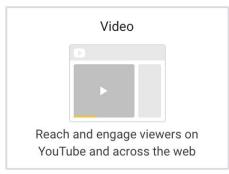
Create Campaign

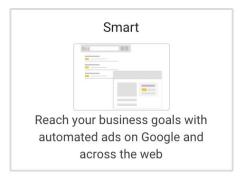
Select a campaign type ?











Overview	● Enabled Status: Eligible Type: Shopping – Produ	ict Max. CPC: \$	0.01 (enhanced)					
Recommendations	Audiences							
Product groups	Edit audiences Select audiences to add to a campaign or ad group. You can create new audiences in Audience Manager. ③							
Ads & extensions	Add to							
Products	Ad group vertest							
Landing pages	Targeting Narrow the reach of your ad group to specific audiences, as	nd get reports. You'll h	ave the option to adjust bids in the table below.					
Keywords	Observation (recommended) ⑦							
Audiences	Get reports on additional items without narrowing the reac	h of your ad group. Yo	u'll have the option to adjust bids in the table below.					
Devices	SEARCH IDEAS (0) BROWSE		None selected					
Change history	How they have interacted with your business		Select one or more audiences to target.					
	Similar audiences	~						
	Combined lists	~						
	Website visitors	^						
	All Site Visitors - 90							
	All Users - Smart List							
	All converters							
	All visitors (Google Ads)							
	General visitors (Retail) (Google Ads)							
	L ooked at Campaign Automator							
	SAVE CANCEL							

Overview	Enabled	Status: Eligible	Type: Shopping	Budget: \$1.00/day	Optimization score: —				
Recommendations	Settings								
Ad groups		Shopping can	mpaign settings						
Product groups		Campaign	name	Shopping By Audience	9				~
Ads & extensions		Campaign	status	Enabled					~
Products		Goal		Sales					~
Landing pages		Merchant		113361276 - bestiasx	x.com				
Keywords		Country of	sale	Chile					
Audiences									
Settings		Inventory f	îlter	_	roducts with certain attril se all products in the cou			aign ⑦	^
Locations Ad schedule				_	only products that match				
Devices				Custom label	0 • is	athleisure		AND	
Change history						Custom label 0	Products		
						athleisure	no products	CANCEL	SAVE

Extending the Idea to Search Campaigns

Be more relevant even when the query is generic.

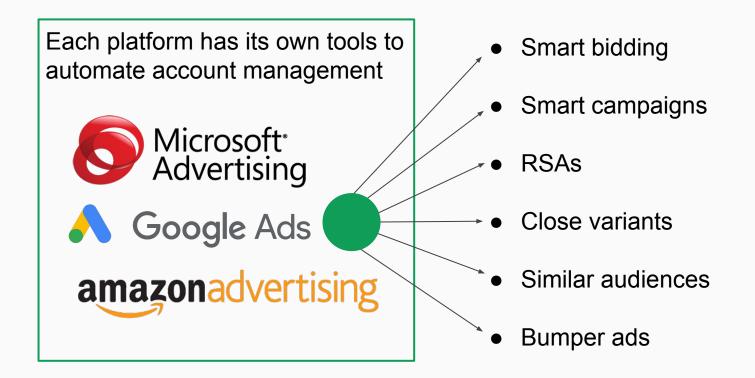


The Best Coats for Fall | Women's Athleisure
Performance Coats | Look great everywhere
Ad www.example.com/coats/athleisure

Discover a stylish selection of brand name and designer fashions all at a great value. Free delivery and returns. 120 day return policy. Over 100 brands to choose from. Gratis



Engines Automate the Details of PPC





What Automation to Build

Machine Learning	Others, e.g. Conditional Logic
+ Expensive to build	+ Quick and easy
+ Requires tons of data	+ Use your own business data
Let the engines handle this	Take control over this yourself
→ Gain Efficiency	→ Gain Control

Tools to Create Your Own Automation

Solution	Cost	Benefits
Ad Scripts	Low start-up costOngoing maintenance cost	 Great for prototyping Quick to build something new Can be used by tech-savvy marketers
Ads API	Higher start-up costOngoing maintenance costRequires engineers	ScalableReliableFull-featured
3rd Party Tool, like OPTMYZR	Ongoing license costNo maintenance fees	 Plug-and-play Newest best practice are automatically added

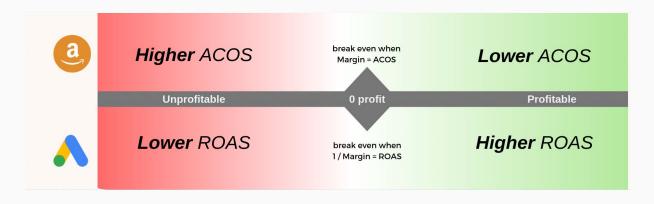
Examples



What is the right target?

https://www.optmyzr.com/blog/how-to-pick-a-profitable-acos-or-roas-target/

What is a profitable ROAS or ACOS







Business Data → Structure

ld	Title	Description	Price	Product Type
		A yellow teddy		
1645	Toy Bear	bear	12	Kids > Toys
1246	Blender	12-speed, black blender	24.99	Home > Kitchen
4385	Frying Pan	8 inch non stick frying pan with lid	13.45	Home > Kitchen
4300	Frying Pan		13.43	Home > Kitchen
	Fire truck with	Toy fire truck with movable		
8759	ladder	ladder	29.99	Kids > Toys

Campaign: Kitchen

Campaign: Toys

Business Data → Structure

id	title	description	price	product_type	Margin
1645	Toy Bear	A yellow teddy bear	12	Kids > Toys	50%
1246	Blender	12-speed, black blender	24.99	Home > Kitchen	50%
4385	Frying Pan	8 inch non stick frying pan with lid	13.45	Home > Kitchen	30%
8759	Fire truck with ladder	Toy firetruck with movable ladder	29.99	Kids > Toys	30%

Campaign: tROAS 200

Campaign: tROAS 333

Business Data + Local Inventory

id	title	description	price	product_type
		A yellow teddy		
1645	Toy Bear	bear	12	Kids > Toys

id	store code	quantity	price
1645	15	5	9.99
1645	16	1	12

Campaign: Mountain View Buy a Toy Bear Online or in store at Mountain View

Campaign: Cupertino Buy a Toy Bear Fast shipping

Business Data + Local Inventory + Weather

id	title	description	price	product_type
		A yellow teddy		
1645	Toy Bear	bear	12	Kids > Toys

id	store code	quantity	price
1645	15	5	9.99
1645	16	1	12

Campaign	Weather Conditions	Temperature
Mountain		
View	Rain	50
Cupertino	Rain	53

Campaign: Mountain View Buy a Toy Bear Fast Shipping

https://smarter-ecommerce.com/blog/en/google-shopping/insights/a-deeper-look-at-smart-shopping-campaigns/

	Smart Shopping Campaigns	Standard Shopping Campaigns		art Shopping npaigns	Standard Shopping Campaigns
Placements		_	Settings		,
Google Search	✓	✓	Location modifiers		✓
Shopping Tab	✓	✓	Device modifiers		✓
GDN	✓	~	Campaign Priorities		✓
Formats			Remarketing Lists		✓
Shopping Ads	✓	✓	Negative Keyword Lists		✓
Display Ads	✓		Ad Schedule		✓
Local Inventory Ads	 ✓		Reporting		
Dynamic Remarketing	🗸		Placement		✓
Dynamic Prospecting	🗸		Audience		✓
					272

Examples of Automation Layering



Bid Strategies and Bid Adjustments - Compatibility Matrix

	Strategy Name	Strategy Type	Device	Geo	Ad Schedule	Audience	Age Range	ූ ට් Gender	HH Income
Smart ³ (Automated)	Target CPA	Conversions	Adjusts target CPA ¹	X	×	Adjusts Priority ⁴	X	X	Х
	Target ROAS ²	Conversions	▼ 100% only	X	×	Adjusts Priority ⁴	X	X	X
	Maximize Conversions	Conversions	▼ 100% only	X	X	X	X	X	X
	Maximize Conversion Value	Conversions	▼ 100% only	X	X	X	Х	X	Х
	Enhanced CPC⁵	Conversions	√	√	✓	√	✓	√	✓
Automated	Maximize Clicks	Clicks	✓	√	1	✓	✓	✓	✓
	Target Impression Share	Impressions	▼ 100% only	X	×	X	X	X	X
	Target Search Page Location ⁶	Impressions	✓	✓	✓	√	✓	✓	√
	Target Outranking Share ⁶	Impressions	√	✓	✓	√	✓	✓	√
₽ Manual	СРС	Clicks	✓	✓	✓	✓	✓	√	✓
	vCPM / CPM	Impressions	✓	✓	✓	✓	✓	✓	✓
d Adjustment	and Bid Strategy compati	bility chart for G	ioogle Ads (July	2019) - www.	optmyzr.com			ď	PTMYZR

X Bid adjustments can be set but will be ignored.

Bid adjustments can be set but will be ignored.

Bid adjustments can be set and will be used.

Genius Level Optimizations

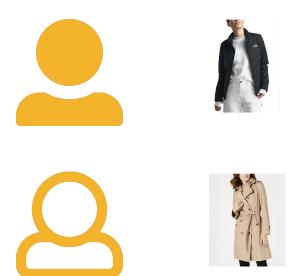
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Which product is someone more likely to buy when they do a search for 'coats'





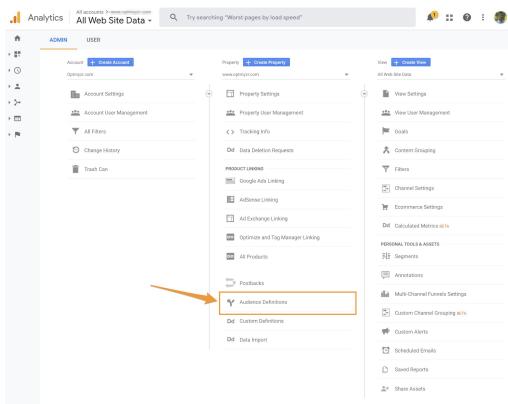
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Putting it Together: Create the Audience

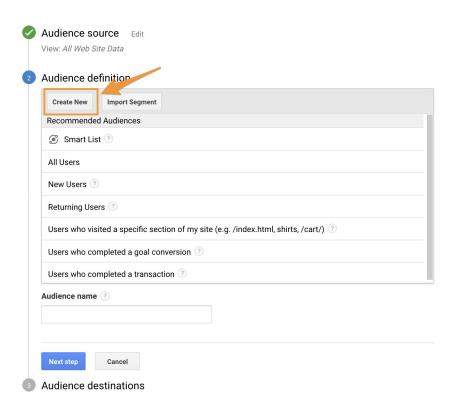
Google Analytics

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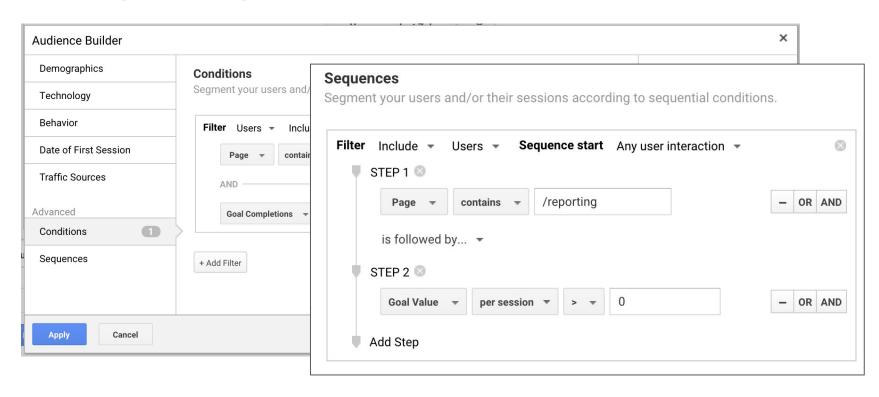


Putting it Together: Audience Builder

Create New



Putting it Together: Audience Builder



Putting it Together: Classifying the Feed

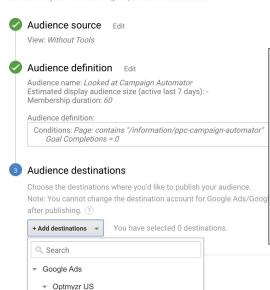
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142-502-2273

www.optmyzr.com (UA-37884000-1)

Analytics

What's next?



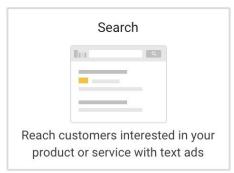
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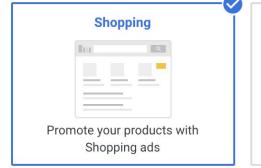
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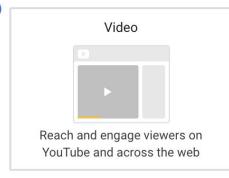
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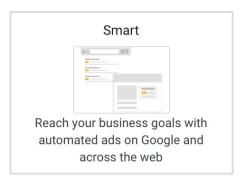
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Audiences	Get reports on additional items without narrowing the reach of your ad group. You'll have the option to adjust bids in the table below.								
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Change history	How they have interacted with your business Select one or more audiences to target.								
	Similar audiences								
	Combined lists								
	Website visitors ^								
	All Site Visitors - 90								
	All Users - Smart List								
	All converters								
	All visitors (Google Ads)								
	General visitors (Retail) (Google Ads)								
	Looked at Campaign Automator								
	SAVE CANCEL								

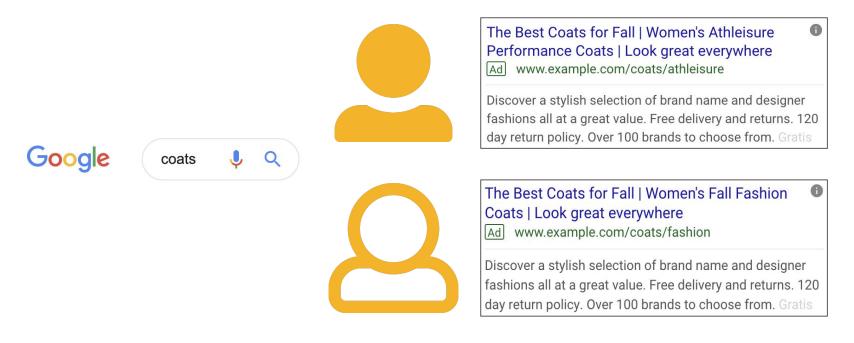
Overview	Enabled	Status: Eligible	Type: Snopping	Budget:	: \$1.00/day	Optimizatio	on score: -					
Recommendations	Settings											
d groups		Shopping camp	paign settings									
roduct groups		Campaign n	ame	Shopp	oing By Audience	2						~
ds & extensions		Campaign s	tatus	● Ena	abled							~
roducts		Goal		Sales								~
anding pages		Merchant		11336	61276 - bestiasx	x.com						
eywords		Country of s	sale	Chile								
ettings		Inventory filt	ter	Use a	filter to choose p	roducts with	certain attri	butes that can be adv	vertised in this cami	paign (?)		^
ocations			_	_				ntry of sale (recomm				
d schedule				()	Filter: Advertise of	only products	that match	all of your requireme	ents			
evices					Custom label ()		athleisure		AND		
hange history								Custom label 0	Products		,	
								athleisure	no products		CANCEL	SAVE

Optimization score: -

● Enabled Status: Eligible Type: Shopping Budget: \$1.00/day

Extending the Idea to Search Campaigns

Be more relevant even when the query is generic.



Genius Level Optimizations

The Big Idea: Bid By X

Google looks at thousands of signals for Smart Bidding, but you don't know if they consider factor 'X', the one that matters to your business the most.



Who Bids Better? You or Google?

You cannot outsmart Google for bid automation because:

- 1. Only Google can set auction-time bids
- 2. Google has more data than you
- 3. Google probably spends more on building the prediction models

But Google cannot outsmart you about your business because:

- 1. They analyze factors that tend to impact broad swaths of advertisers
- Your data is so small compared to Google's that it doesn't move the predictions quickly enough

The Solution

Smart Bidding + Bid Adjustments

Since Smart Bidding ignores mosts bid adjustments, use a script to replicate the effect of bid adjustments:

- 1. Change target and set label
- 2. Revert target and remove label

Putting it Together: Combine Data

Campaign	Date	Conversion Rate	Clicks		
Roomba vacuums	01/10/20	3.0%	5823		
Roomba vacuums	01/11/20	4.0%	4577		
Roomba vacuums	01/12/20	2.5%	4372		
Roomba vacuums	01/13/20	4.6%	3854		

Campaign Date		Conversion Rate	Clicks	Precipitation
Roomba vacuums	01/10/20	3.0%	5823	Dry
Roomba vacuums	01/11/20 4.0%		4577	Rain
Roomba vacuums	01/12/20	2.5%	% 4372	
Roomba vacuums	01/13/20	4.6%	3854	Rain

Regression Analysis

R-Studio

Campaign	Date	Conversion Rate	Clicks	Precipitation	Pearson Correlation Coefficient
Roomba vacuums	01/10/20	3.0%	5823	Dry	0.4
Roomba vacuums	01/11/20	4.0%	4577	Rain	0.7
Roomba vacuums	01/12/20	2.5%	4372	Showers	0.6
Roomba vacuums	01/13/20	4.6%	3854	Rain	0.8

Determine Bid Adjustments for Future

Campaign	Date	Conversion Rate	Clicks	Precipitation	Pearson Correlation Coefficient
Roomba Vacuums	01/10/20	3.0%	5823	Dry	0.4
Roomba Vacuums	01/11/20	4.0%	4577	Rain	0.7
Roomba Vacuums	01/12/20	2.5%	4372	Showers	0.6
Roomba Vacuums	01/13/20	4.6%	3854	Rain	0.8
Roomba Vacuums	2/11/20			Dry	0.4
Roomba Vacuums	2/12/20			Rain	0.8
Roomba Vacuums	2/13/20			Showers	0.6
Roomba Vacuums	2/14/20			Rain	0.8
Roomba Vacuums	2/15/20			Rain	0.8
Roomba Vacuums	2/16/20			Dry	0.4

Script

IF 'campaign name' IS 'Roomba vacuums'

AND Date IS 'Feb 11, 2020'

THEN set 'tCPA' TO tCPA * 1.2

AND set 'campaign label' TO 'tCPA * 1.2'

Oyo - Closed hotels are 'Sold Out'

Structure

Alpha Beta Structure

Beta Campaign

Non-exact match keywords

Conservative budgets

→ purpose is to explore new queries

Alpha Campaign

Exact match keywords

Aggressive budgets

Specific ad texts

→ purpose is to guarantee maximum performance on queries that have proven themselves

Alpha - Beta in Action

<u>Keyword:</u> Floral Arrangements

Queries:

Arranging flowers

✓✓✓ Buy floral arrangements

✓✓✓ Same day flower arrangements

✓ Floral arrangement delivery.

X Cheap floral arrangements

X Food floral arrangements

SKAG: Buy floral arrangements

Ad: Buy floral arrangements

Bid: \$\$

SKAG: Same day flower arrangements

Ad: Fast Floral Arrangements

Bid: \$\$\$

SKAC: Floral arrangement delivery

Alpha - Beta in 2020

Controlling which keywords trigger ads has become difficult due to close variants



Plumber w calendar



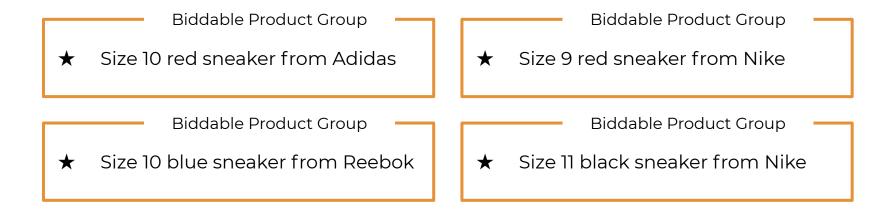
GRIP Structure

(**GR**oups of **I**ndividual **P**roducts)



GRIP Structure Allows For More Precise Bidding

By maintaining groups of individual products (GRIP) structure, you can bid the right amount for every product you sell.





What Size Sells Best

Sizes	Clicks	Cost	Conv Val / Cost
10.5 (17)	31	39.22	574%
10 (23)	11	14.35	0%
11.2 (1)	0	0	0%
11.5 (22)	59	72.06	1,361%
11.7 (1)	1	0.94	0%
11 (16)	8	13.18	838%
12.0 (1)	1	0.59	0%
12.5 (28)	24	34.59	289%



Biddable Product Group

★ Size 10 red sneaker from Adidas

Biddable Product Group

★ Size 10 blue sneaker from Reebok

Size 10: Reduce bids Biddable Product Group

★ Size 9 red sneaker from Nike

Biddable Product Group

★ Size 11 black sneaker from Nike

Red

- Biddable Product Group
- ★ Size 10 **red** sneaker from Adidas

- Biddable Product Group
- ★ Size 9 **red** sneaker from Nike

- Biddable Product Group
- ★ Size 10 blue sneaker from Reebok

- Biddable Product Group
- ★ Size 11 black sneaker from Nike



Biddable Product Group

★ Size 10 red sneaker from Adidas

Biddable Product Group

★ Size 10 blue sneaker from Reebok

Biddable Product Group

★ Size 9 red sneaker from **Nike**

Biddable Product Group

★ Size 11 black sneaker from **Nike**

Nike



No GRIP Structure

Biddable Product Group
★ Size 10 red sneaker from Adidas
★ Size 10 blue sneaker from Reebok
★ Size 9 red sneaker from Nike
★ Size 11 black sneaker from Nike



Bidding With Grip Structure

Campaign: Sho	pping Campaign							
Change	Custom Attribute 3 (#products)	Clicks	Cost	Conv Val	Conv Val / Cost	Avg CPC	Max CPC	New CPC
✓	◇ Adult (6680)	31,302	26,208.62	24,953	95.21	0.84	0.45 - 2.17	0.45 - 2.17
✓	⊙ Girl's (235)	1,842	1,551.26	1,391	89.69	0.84	0.9 - 1.33	0.9 - 1.33
✓	⊘ Infant (229)	3,083	2,050.28	3,037	148.15	0.67	0.69 - 1.33	0.69 - 1.33
✓	⊘ Men (5220)	18,789	16,308.83	14,465	88.70	0.87	0.5 - 1.97	0.5 - 1.97
Campaign: Sho	pping Campaign							
Change	Custom Attribute 2 (#products)	Clicks	Cost	Conv Val	Conv Val / Cost	Avg CPC	Max CPC	New CPC
✓	● 100% Cotton (6135)	40,957	34,606.49	35,045	101.27	0.84	0.45 - 2.17	0.45 - 2.17
✓	◆ 100% Polyester (6335)	8,459	7,613.90	5,553	72.94	0.90	0.5 - 1.61	0.5 - 1.61



SPAG Structure

(Single Product Ad Groups)



SPAG is like Grip but with more ad groups



Added benefits:

- 1. Better query sculpting;
- 2. More granular bid adjustments



Smart Shopping Campaigns



Smart Shopping Campaign

An automated campaign type from Google

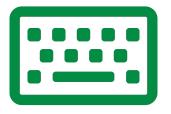
- 1. No need to do granular structure
- 2. No need to manage bids
- 3. No need to run separate search, display, and video campaigns
 - a. No need to allocate budgets between these



Pitfalls of Automated Bidding

Portfolio bidding attempts to maximize value across the portfolio.

→ Cheap clicks subsidize expensive ones



Avg. CPA: \$10

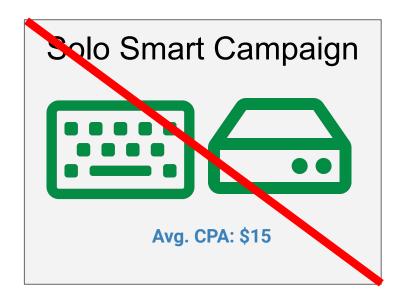


Avg. CPA: \$20

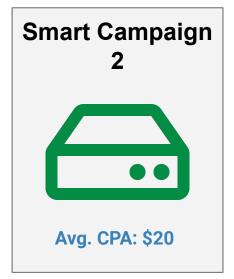
And remember that automated bidding works best when setting the target to the historical average.

Make Multiple Smart Shopping Campaigns

This produces better results







Step 1: Find reasonable ranges of ROAS

						From ROAS	To ROAS	# Products	Impressions	í	
Campaign Name	Attribute 1	From ROAS	To ROAS	# Products	In	0%	100%	112,486	7,804,842	lget	Target ROAS
ROAS 1	ROAS (0-1)	0%	100%	112,486	_	100%	200%	631	5,208,721 2.	_	34
ROAS 2	ROAS (1-2)	100%	200%	631		200%	300%	406	3,160,383		152
ROAS 3	ROAS (2-3)	200%	300%	406		100 (0000000000000000000000000000000000	100000000000000000000000000000000000000		- 0	27/	2/1
ROAS 4	ROAS (3-4)	300%	400%	240		300%	400%	240	1,105,398	₄ .91	334
ROAS 5	ROAS (4-5)	400%	500%	128		400%	500%	128	383,355).	1.96	442
ROAS 6	ROAS (5-6)	500%	600%	106		500%	600%	106	199,644 ³	.27	538
ROAS 7	ROAS (6-7)	600%	700%	105					9	9 (19	04/
ROAS 8	ROAS (7-8)	700%	800%	55		600%	700%	105	173,773	5.77	754
ROAS 9	ROAS (8-9)	800%	900%	54		700%	800%	55	53,263	.91	855
ROAS 10	ROAS (9-34)	900%	3400%	420		800%	900%	54	29,727 ^{1.}	.31	1,534
						900%	3400%	420	198,525		



Step 2: For each product, add a custom attribute for the campaign it

belongs to...

)			Campaign Name	Attribute 1						
Campaign Name	Attribute 1	From RO			Clicks	Cost	Conversions	nversion Value	signed Budget	Target ROAS
ROAS 1	ROAS (0-1)	(ROAS 1	ROAS (0-1)	53,913	37,314.43	1,287.80	12,432.14	2,872.75	34
ROAS 2	ROAS (1-2)	100	ROAS 2	ROAS (1-2)	47,533	30,962.77	3,074.26	46,817.71	2,383.75	152
ROAS 3	ROAS (2-3)	200	ROAS 3	ROAS (2-3)	32,577	22,065.06	3,049.81	53,045.67	1,698.74	241
ROAS 4	ROAS (3-4)	300			14,702	7,831.30	1,425.84	26,116.75	602.91	334
ROAS 5	ROAS (4-5)	400	ROAS 4	ROAS (3-4)	5,322	2,467.37	581.47	10,889.98	189.96	442
ROAS 6	ROAS (5-6)	500	ROAS 5	ROAS (4-5)	2,004	951.76	277.91	5,119.53	73.27	538
ROAS 7	ROAS (6-7)	600	ROAS 6		1,780	767.53	246.32	4,925.14	59.09	642
ROAS 8	ROAS (7-8)	700	RUAS 0	ROAS (5-6)	629	308.81	92.41	2,328.17	23.77	754
ROAS 9	ROAS (8-9)	800	ROAS 7	ROAS (6-7)	478	193.66	82.6	1,654.44	14.91	855
ROAS 10	ROAS (9-34)	900	ROAS 8	ROAS (7-8)	2,057	965.21	616.4	14,797.99	74.31	1,534
			ROAS 9	ROAS (8-9)						



ROAS (9-34)

ROAS 10

Step 3: Create the campaigns with budgets and target ROAS

14.91

74.31

_							_			
				ssigned Budget	Target ROAS					
Campaign Name	Attribute 1	From ROAS	To RC	2,872.75	34	Cost	Conversions	nversion Value s	signed Budget	Target ROAS
ROAS 1	ROAS (0-1)	0%	10	2,383.75	152	37,314.43	1,287.80	12,432.14	2,872.75	34
ROAS 2	ROAS (1-2)	100%	20	2,000.70	102	30,962.77	3,074.26	46,817.71	2,383.75	152
ROAS 3	ROAS (2-3)	200%	30	1,698.74	241	22,065.06	3,049.81	53,045.67	1,698.74	241
ROAS 4	ROAS (3-4)	300%	40	600.01	004	7,831.30	1,425.84	26,116.75	602.91	334
ROAS 5	ROAS (4-5)	400%	50	602.91	334	2,467.37	581.47	10,889.98	189.96	442
ROAS 6	ROAS (5-6)	500%	60	189.96	442	951.76	277.91	5,119.53	73.27	538
ROAS 7	ROAS (6-7)	600%	70	100.00	E 2 (AMATO)	767.53	246.32	4,925.14	59.09	642
ROAS 8	ROAS (7-8)	700%	80	73.27	538	308.81	92.41	2,328.17	23.77	754
ROAS 9	ROAS (8-9)	800%	90	F0 00	6.40	193.66	82.6	1,654.44	14.91	855
ROAS 10	ROAS (9-34)	900%	340	59.09	642	965.21	616.4	14,797.99	74.31	1,534
				23.77	754					



855

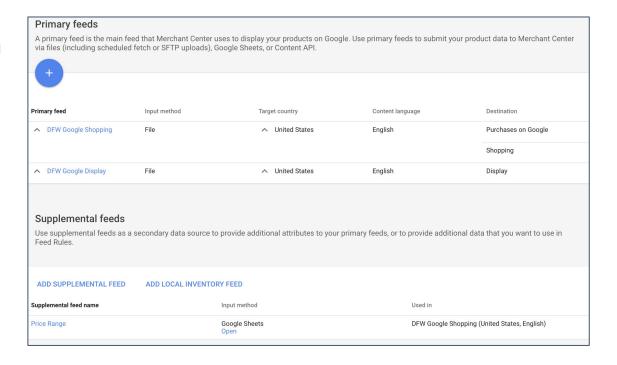
1,534

Step 4: Connect the campaigns with the right products by custom attribute



Create a Supplemental Feed

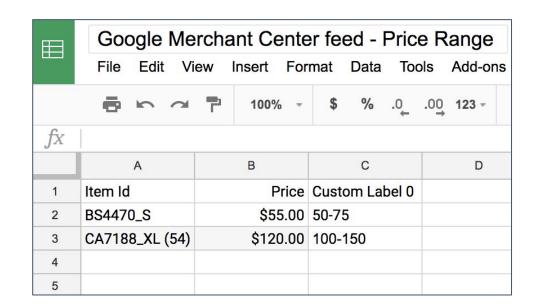
Marketing can own certain parts of the feed without interfering with the automatic feed generated by your CMS or shopping cart





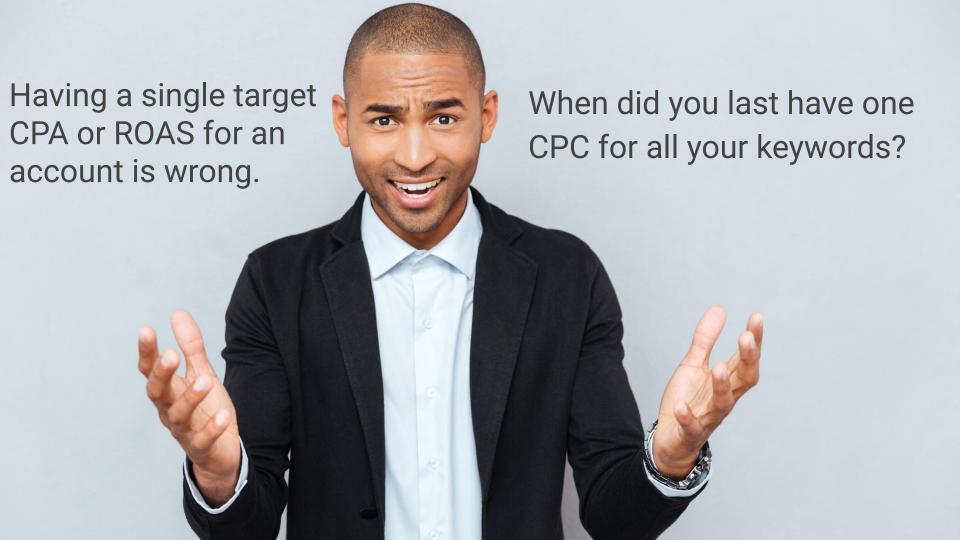
Example Supplemental Feed

Add data for the attributes you care about, e.g. Custom Labels





Bidding: Make Smart Bidding even smarter



The right CPC

In the days before automated bidding, we set different CPC bids based primarily on 2 factors:

- 1. Differences in conversion rates.
- 2. Differences in the business value from what different keywords and ad groups are trying to sell.

So why do so many advertisers have only 1 target for their automated bids?



The right structure helps set the right target

Solution:

- 1. Structure by common profit margins
- 2. Set different targets for each grouping
- 3. Let Google handle bids based on conversion rate differences



Targets should evolve

How did you pick the CPC for your very first keyword?

And why did your guess not cause the business to implode?

So why aren't you revisiting automated bidding targets more often?



Are Your Competitors Beating You

We no longer have the 'average position' metric

Impression Share metrics are the replacement

Even when you have Smart Bidding, you get data about IS Lost due to Rank

Step 1: set up an alert when this metric exceeds a threshold

Step 2: create an automation to test different targets based on IS targets

Step 3: measure impact and test again



Get Ready for Automation

Automation would be easy if the world was perfect.







- [S] Nissan VEICULOS OFERTAS [PC]
- [S] NISSAN VEICULOS OFERTAS [PC]



Account Structure





Structure

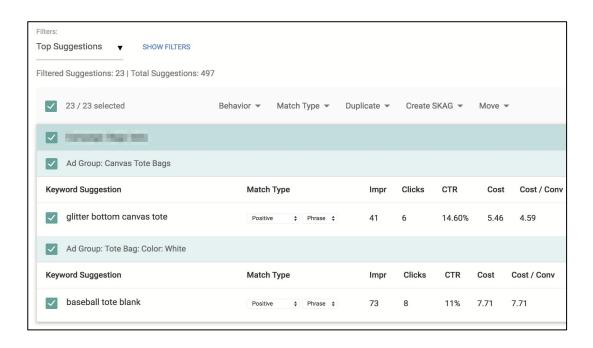
Google learns from every query. Even if you're not automating anything.

What matters is the connection between query and conversion. So report conversion data the best way you possibly can.

Your structure should exist to support your business needs. Do not pick a structure because you think you can outsmart the Google AI.



Get Machines to Shortlist Your Opportunities

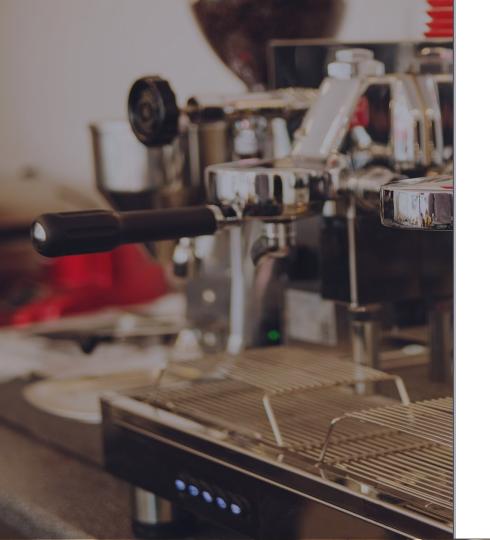


ML based suggestions



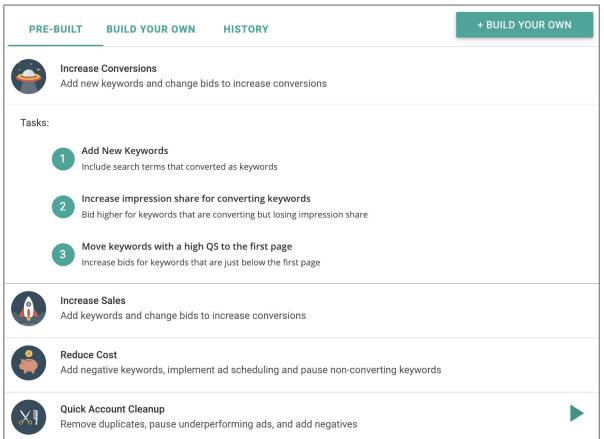
Fast and easy interface to let humans validate



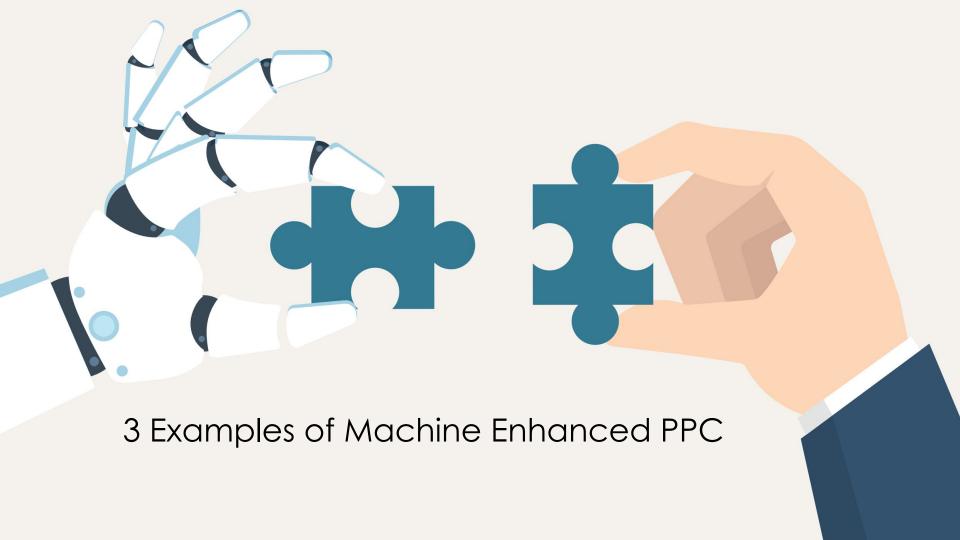


3. A strong process takes companies to the next level

Agencies need strong process to scale

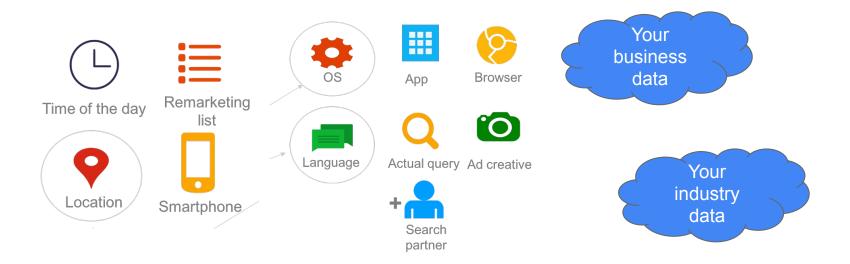






Automated Bidding is Very Powerful

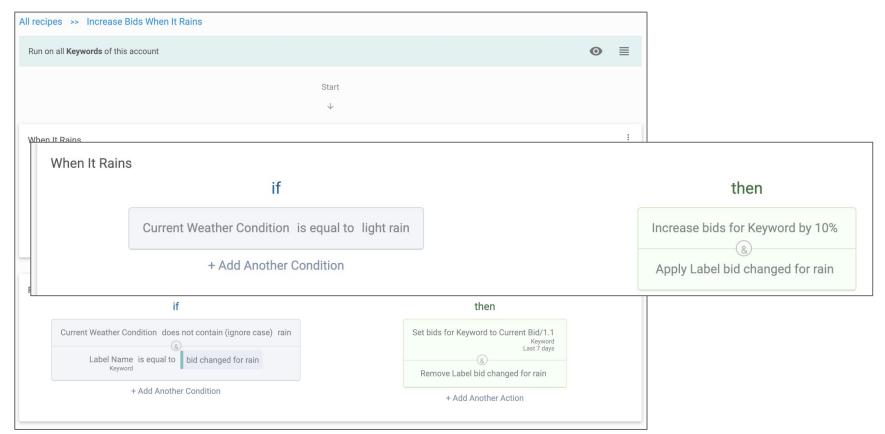
Only Google can change bids in real-time based on auction signals







Solution: Bring your data together with tCPA and tROAS





On Bidding...



Automated bid management doesn't mean set-it-and-forget-it. The algorithm will do better when the PPC expert feeds more data into it.

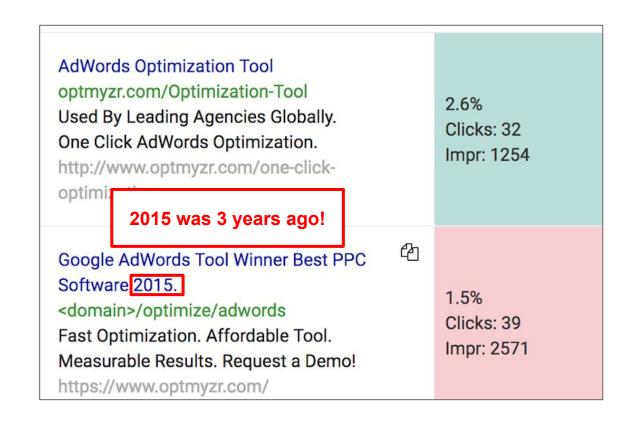


@SiliconVallaeys @Optmyzr

Creative Capabilities

Evolution needs variation.

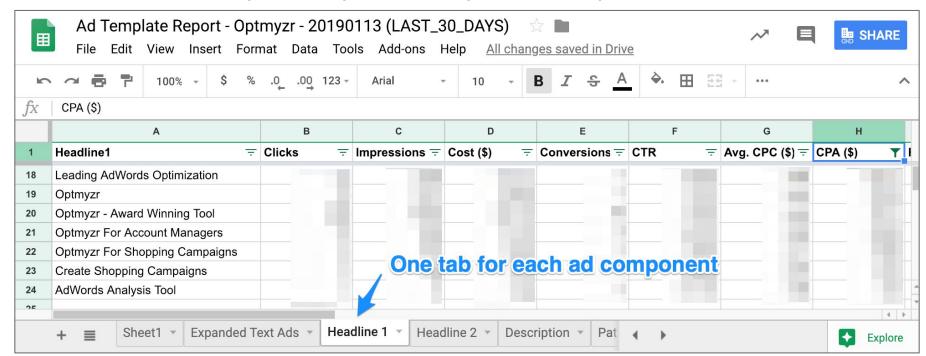
See AdLibs from Google





Ad Component Script

Get the code: http://bit.ly/ad-component-report





On Ads...

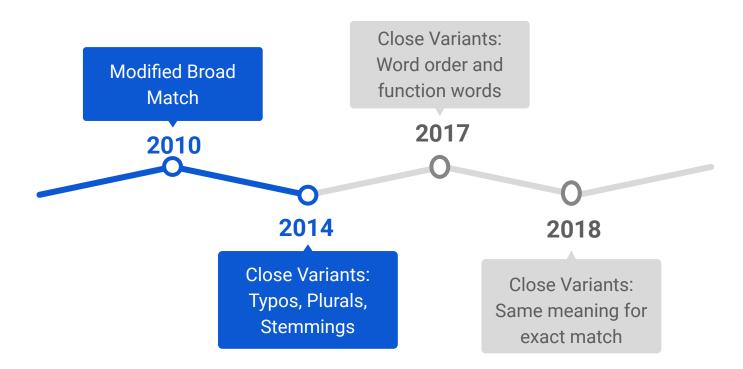


Focus on the human aspects of marketing and write ads that move people. The machine can help find the right audience for your message.



@SiliconVallaeys @Optmyzr

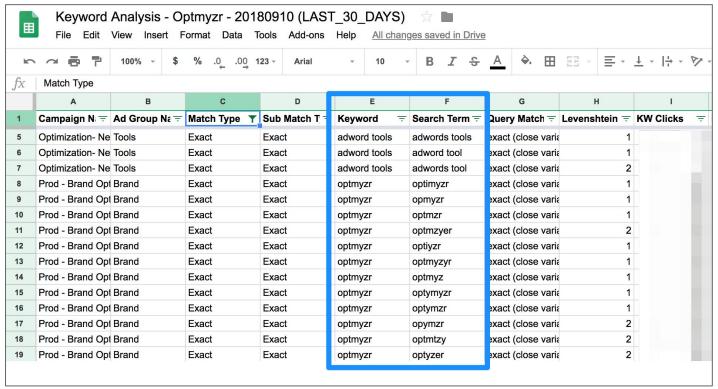
Google Ads Match Types Timeline





Find Out How Your Account is Impacted

Get the code: http://bit.ly/CloseVariants





Automate Taking Action on Close Variants

Could we enhance this reporting script so it adds negative keywords when:

- The query underperforms the keyword
- The query is too different from the keyword



How to Determine How Different the Close Variant is?

Levenshtein Distance

A numerical score of how close the query is to the keyword.

Add one point for every:

- letter that is changed
- letter that is deleted
- letter that is added

A bigger score means a bigger difference

Levenshtein Distance

PAJAMAS	0
PJAMAS	+1
PJMAS	+1
PJAS	+1
PJS	+1
	= 4



On Targeting...



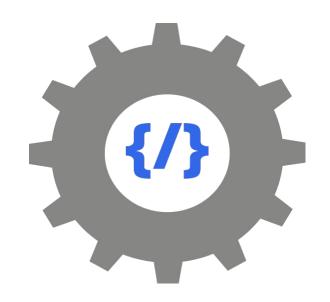
Google Ads Scripts give you the control to put your own limits on Google's smart systems. Control your keyword matches, budgets, and bids on your own terms.



@SiliconVallaeys @Optmyzr

What Are Google Ads Scripts?

Google Ads scripts are pieces of JavaScript code that can automate tasks in Google Ads on a predefined schedule.



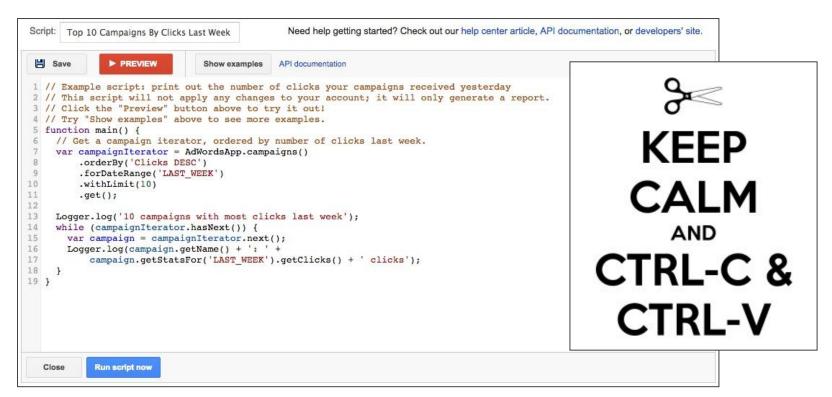


And What Are Bing Ads Scripts

They're just like Google Ads Scripts. Just a bit newer so with more limited capabilities.



Anyone Can Use AdWords Scripts





Can You Operate This?







Configuration vs Logic

```
CONFIGURATION
       /***************
   2
      * Version 1.0
       var allowedOverdeliveryPercentage = 0.2; // set percentage as decimal, i.e. 20% should
       var labelName = "paused by overdelivery checker script";
4
                     AdWordsApp.createLabel(labelName, "automatic label needed to reenable campaigns");
        AdWords
        var can
                     var campaigns = AdWordsApp.campaigns()
         .withd
                      .withCondition("Status = ENABLED")
         .withd
         .forDa
                      .withCondition("Cost > 0")
                      .forDateRange("TODAY");
        var can
    14
                                                                                     LOGIC
        while
              13
                     var campaignIterator = campaigns.get();
          var d
              14
          var d
    18
          var h
                     while (campaignIterator.hasNext()) {
    19
          var d
              16
                       var campaign = campaignIterator.next();
                       var campaignName = campaign.getName();
          if (cd
                       var budgetAmount = campaign.getBudget().getAmount();
              18
                       var costToday = campaign.getStatsFor("TODAY").getCost();
          els
                       if(costToday > budgetAmount * (1 + allowedOverdeliveryPercentage)) {
                         Logger.log(campaignName + " has spent " + costToday + " which is more than allowed.");
    29
                         campaign.applyLabel(labelName);
    30 }
               24
                         campaign.pause();
                       } else {
                         Logger.log(campaignName + " has spent " + costToday + " and can continue to run.");
               26
```



Free Script: Spend No More Than 120% of Daily Budget

AdWords changed overdelivery rules.

But with just 30 lines of code, you can control the budget

again!

var allowedOverdeliveryPercentage = 0.2; // set percentage as decimal, i.e. 20% should be set as
var labelName = "paused by overdelivery checker script";

* Version 1.0

* Created By: Frederick Vallaeys

http://bit.ly/limit-adwords-overdelivery

```
instruction( status = twosto)
if or instruction ( status = twosto)
if or instruc
```

