

Search Advertising driven by Machine Learning



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1. How Machine Learning can help you

2. Automation framework to success

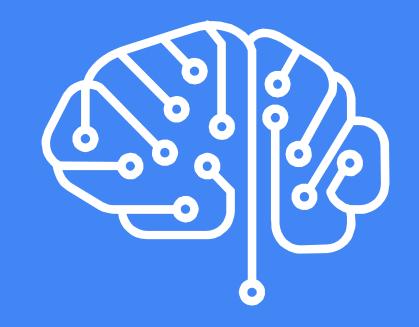
3. Key takeaways to grow your business

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We are going from a "mobile first world" to an "AI first world"

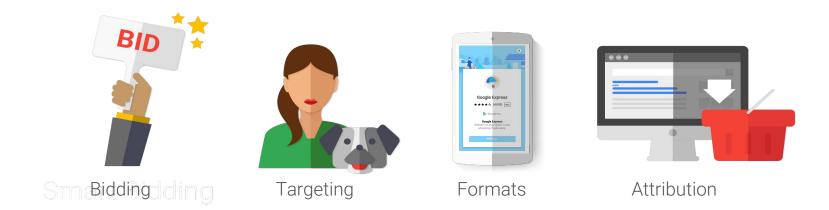


Machine Learning helps us in our private lives already

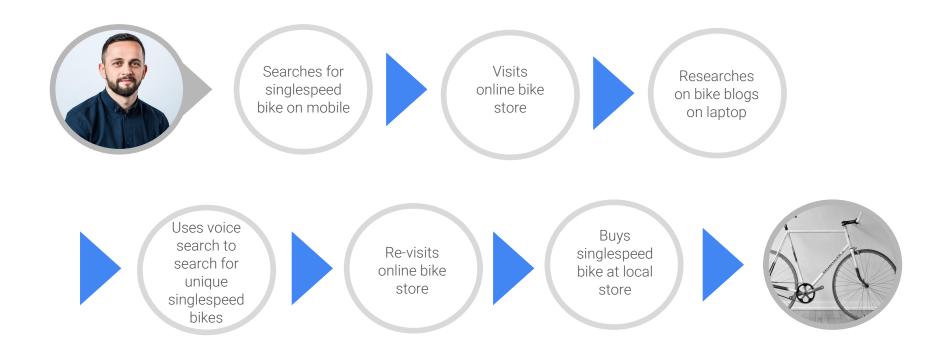




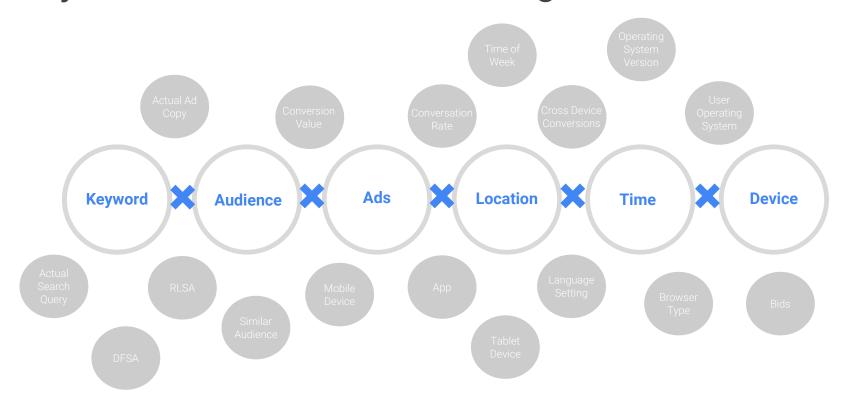
Machine Learning helps us in advertising, too



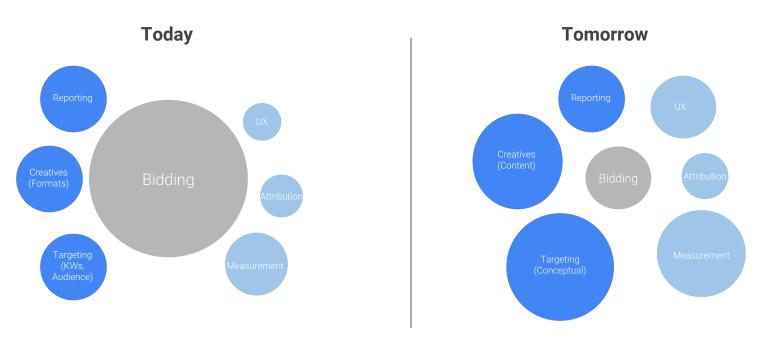
Why do we need ML for advertising?



Why do we need ML for advertising?



Machine Learning can help us focus on the things where we can add value



BCG: Cutting Complexity, Adding Value (2013): we spend 80% of our time on manual, low-value tasks Bubble size representing the avg. amount of time spent on certain tasks

How Machine Learning can help you

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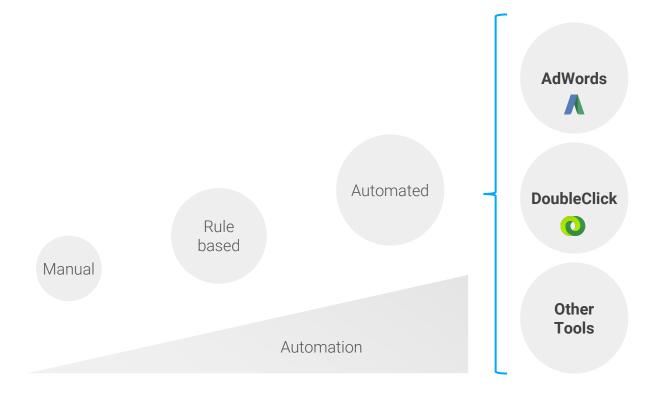
Leverage Smart Bidding Peed in all Audience Signals

3 Show most relevant Creatives

Leverage Smart Bidding 2 Feed in all Audience Signals

3 Show most relevant Creatives

There are many automated bidding options on the market



True auction-time bidding – powered by exclusive signals



Only available with Adwords Smart Bidding

How do you deal with these signals?





User in Hamburg



User on Saturday

User on Sunday



User on Smartphone

User on Desktop



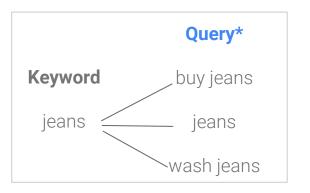
- User in Berlin, on Saturday, with Android
- User in Berlin, on Saturday, with iPhone



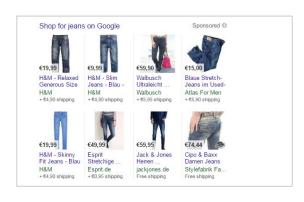




Get the most of your campaigns with query-level bidding







Keywords (Broad, Phrase)

Manual: **keyword**-level

Smart Bidding: query-level

Dynamic Search Ads (DSA)

Manual: category-level

Smart Bidding: query-level

Google Shopping

Manual: product-level

Smart Bidding: query-level

AdWords Smart Bidding options, aligned to your goals

Campaign Goal Recommended Strategy Target Outranking Share **VISIBILITY** Target Search Page Location conversion tracking WEBSITE CLICK Maximize Clicks **CONVERSIONS / SALES Advanced tCPA** Excellence **tROAS REVENUE**

Newest features for even stronger results

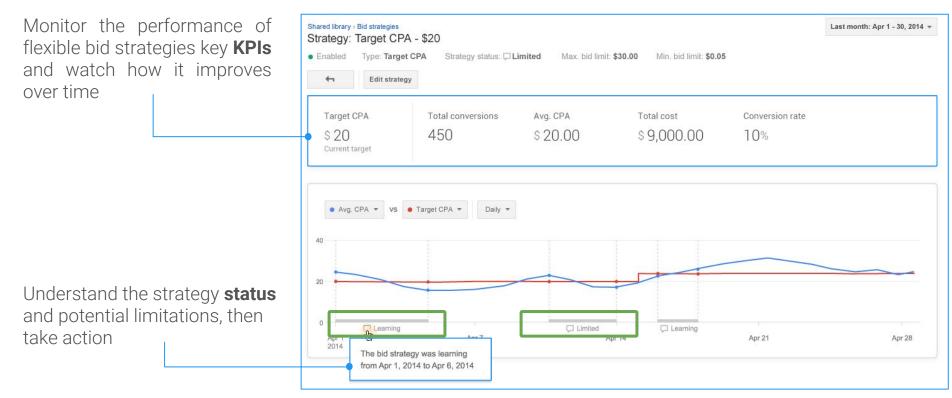


Better target **accuracy**



More predictive **signals**

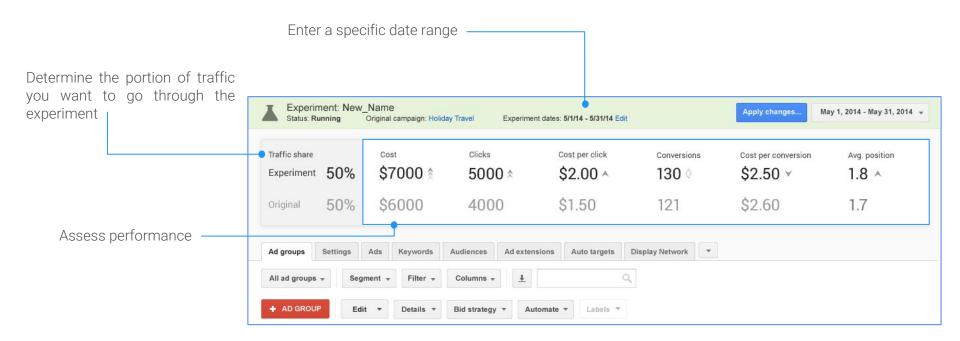
Transparency and control via the shared library



Your road to success with a clean pre/post test



Or via A/B testing with Drafts & Experiments



Finding suitable campaigns for a test

Camp	paign Goal	Recommended Strategy	Recommended Conversions*	
0	VISIBILITY	Target: Outranking Share Search Page Location		
	WEBSITE CLICK	Maximize Clicks		
荒	CONVERSIONS / SALES	eCPC (semi-automated) tCPA	- >30	
\$	REVENUE	tROAS	>50	



We can help you identify campaigns for a tCPA test

We create **estimates using your account's** Bid Simulator **data.**Bid Simulator looks at the **specific auctions your accounts participated in** during a recent past week to estimate these performance gains.

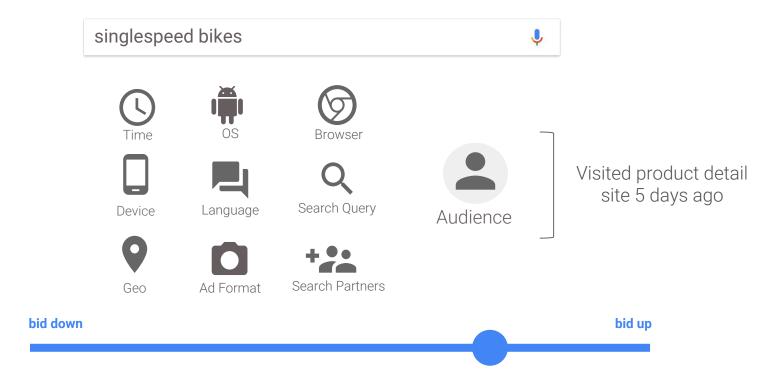
Campaign 1	100 CURRENT CONVERSIONS	+30 SIMULATED CONVERSION UPLIFT	+30% SIMULATED CONVERSION UPLIFT %	+0% SIMULATED CPA CHANGE
Campaign 2	82 CURRENT CONVERSIONS	+19 SIMULATED CONVERSION UPLIFT	+23% SIMULATED CONVERSION UPLIFT %	+0% SIMULATED CPA CHANGE



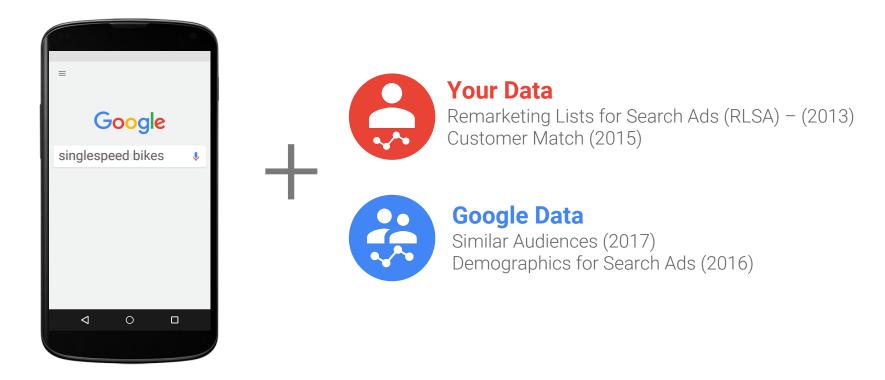
Leverage Smart Bidding Peed in all Audience Signals

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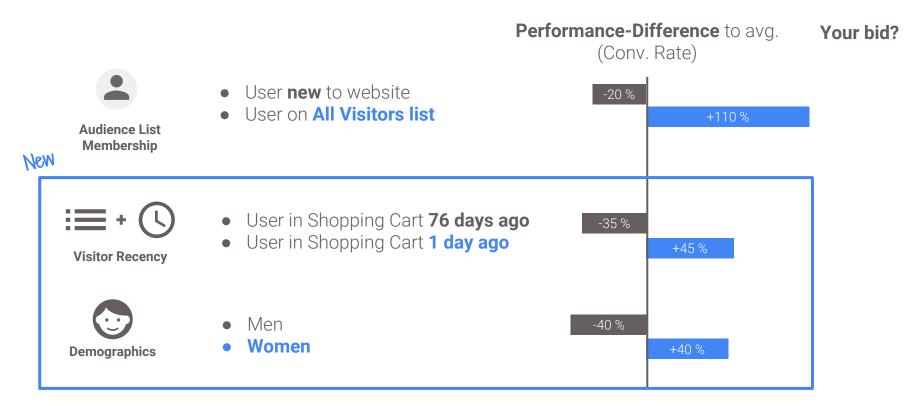
Audience is a key signal for Smart Bidding



The Search Audience suite has grown over the years



Smart Bidding now uses even richer Audience Signals



How to feed in Audience Signals for maximum success

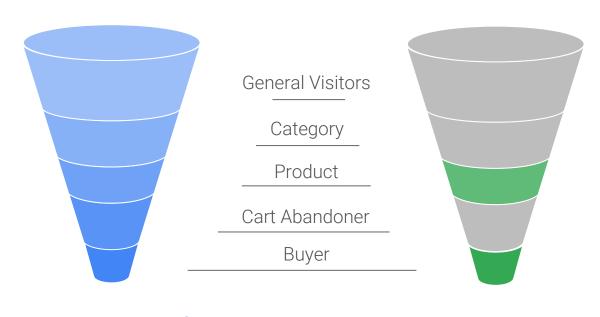
1

Target all relevant users

2

Apply to all search campaigns (including DSA & Shopping) with bid only & campaign-level

Segment Search Audience for success



Remarketing Lists for Search Ads

Similar Audience

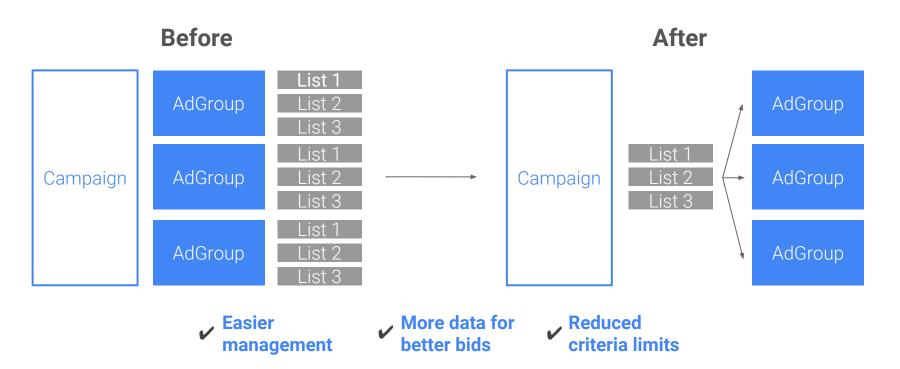
How to feed in Audience Signals for maximum success

Target all relevant users

2

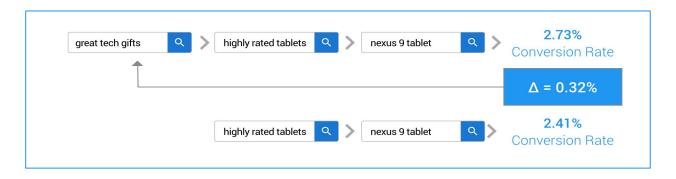
Apply to
all search
campaigns
(including DSA &
Shopping)
with bid only &
campaign-level

Simplify management with Campaign-Level Audiences



Really using all audience signals for Smart Bidding with Data-driven Attribution

Data-driven model



- Cross-device touch-points
- More data for smarter bids

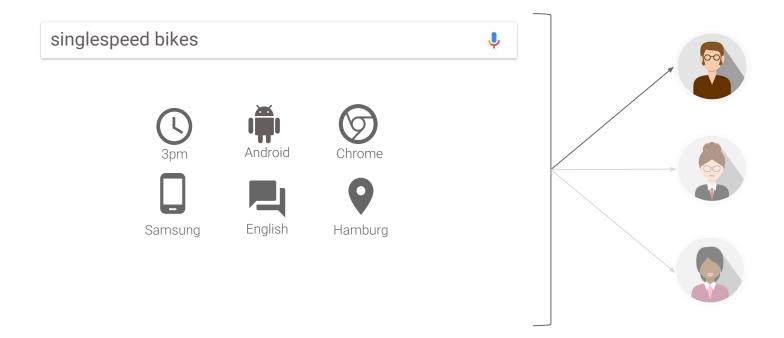
Leverage Smart Bidding 2 Feed in all Audience Signals

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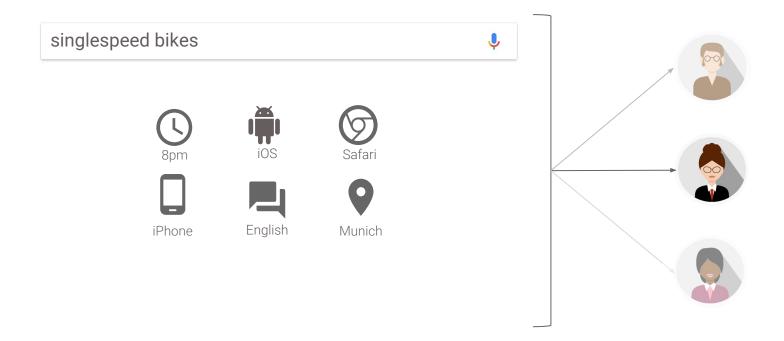
Which one is the best ad?

Single Speed Bike - Women's Classic Collection Ad bike-example.com/speed bike/women CR: 5% a CPA: €20 Shop the latest collection online. Next day delivery guaranteed. Single Speed Bike - Get 50% off CTR: 10% Ad www.bike-example.com/speed bike b CR: 2% Check out our wide collection and discounts. Buy online or CPA: €22 find a shop nearby. Single Speed Bike - Great range CTR: 12% Ad bike-example.com/speed bike/discounts Check out our wide collection online, 50% discounts for CPA: €40 men, women and kids.

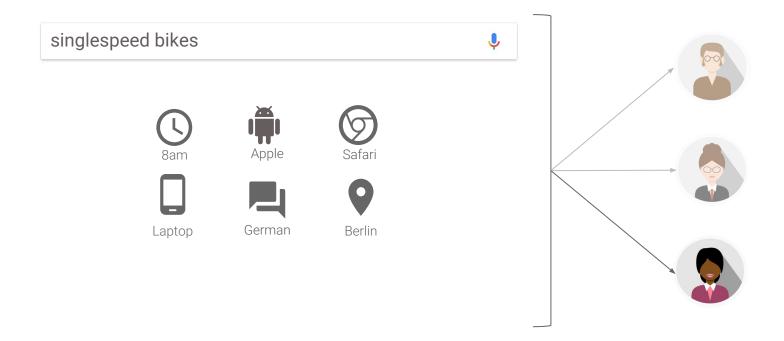
Each search has a different context



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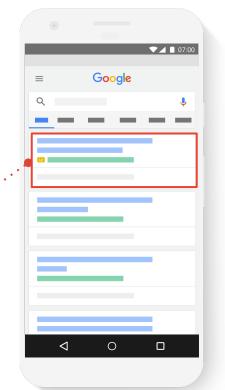


Each search has a different context



Leverage Machine Learning to show the best ad for every query

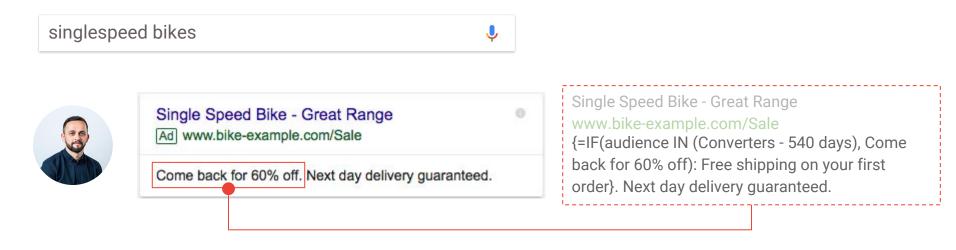
Single Speed Bike - Women's Classic Collection Ad bike-example.com/speed_bike/women Shop the latest collection online. Next day delivery guaranteed. Single Speed Bike - Get 50% off Ad www.bike-example.com/speed bike Check out our wide collection and discounts. Buy online or find a shop nearby. Single Speed Bike - Great range Ad bike-example.com/speed bike/discounts Check out our wide collection online, 50% discounts for men, women and kids.



Ad groups with **3 or more**high-quality ads may receive
up to 15% more clicks*,
compared to ad groups with
only 1 or 2 ads.

*when running on optimized ad rotation

Personalize ads at scale with IF Functions





Single Speed Bike - Great Range

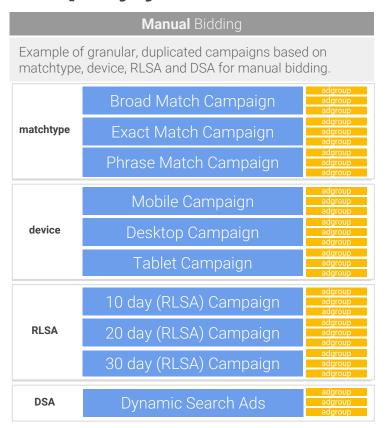
Ad www.bike-example.com/Sale

Free shipping on your first order. Next day delivery guaranteed.

Feed in all Leverage Smart Bidding 2 Feed in all Audience Signals **Account Set Up**

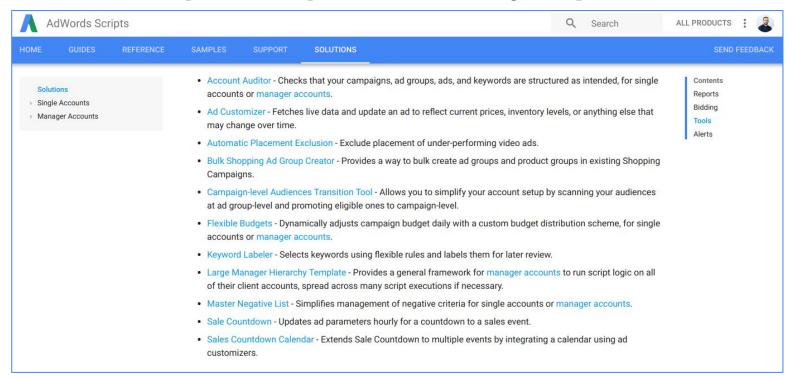
3 Show most relevant Creatives

Simplify your accounts for an AI first world





And utilize scripts for quick and easy implementation



Link to AdWords scripts library

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5 key takeaways to grow your business

O1 Automation allows us to shift time to important tasks and grow your business

Leverage Smart Bidding to handle infinite data signals for user-specific bids

Incorporate audience data everywhere to make Smart Bidding even smarter

Automate your creatives for most relevant messaging

Simplify your account setup and utilize scripts for more efficient implementation

02

03

04

05

Google

Thank you!

Michaela Woloszczak | Denis Dautaj





Slides & Feedback

https://goo.gl/forms/1ariaYsZmQv17X7H3



APPENDIX

tCPA worked well for CosmosDirekt

"Durch Smart Bidding sind wir unabhängiger, weil der Automatisierungsgrad gestiegen ist. Wir schaffen es nun überwiegend Inhouse zu arbeiten und uns auf strategische und taktische Themen zu konzentrieren, als uns mit operativer Kampagnenarbeit aufzuhalten."



Die Versicherung.

- Dennis Brill, Online Marketing Manager SEA bei CosmosDirekt

Mobile CPA - 5% Share of Mobile budget now 25 %

Conversions + 100%

Simplify your Search Audience Strategy for success

Many accounts look like this...

Running separate RLSA campaigns as target & bid





