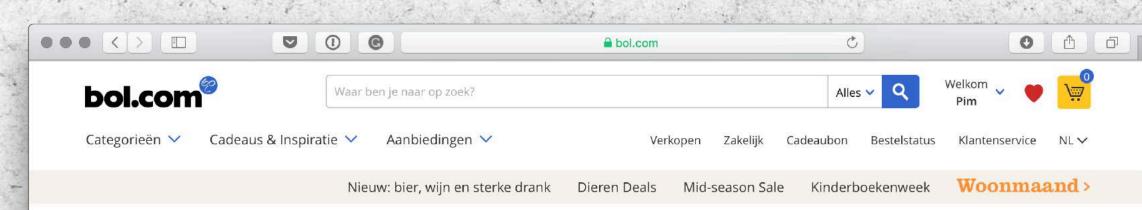
Learning 2 DATA to learn ADAG





Ahold Deindize



How Google Works

Eric Schmidt & Jonathan Rosenberg

Auteur: Eric Schmidt | Taal: Engels | ***** 4 reviews | Stel een vraag | 🗳 E-mail deze pagina

	Kies je bindwijzeV Bekijk alle bindwijzen
Co	Paperback € 13,99Ebook € 8,49Paperback € 18,99Hardcover € 24,99Audio Book € 25,99
How Google Works	13,99 Op voorraad Voor 23:59 uur besteld, morgen in huis (j)
Eric Schmidt & Jonathan Rosenberg with Alan Eagle, foreword by Larry Page	 + Select bezorgopties Verkoop door bol.com + In winkelwagen Op verlanglijstje
Boek omdraaien	Select bezorgopties O op jouw locatie
	Doordeweeks ook 's avonds in huis
Conception of the second secon	 Ook zondag in huis (bestel voor za 23:59) Vandaag nog in huis (bestel voor 14:00, bezorging tussen 18:00 en 22:00)

1999 Online retail

Retail + platform (16k) €1.6bn (2017)

41 stores

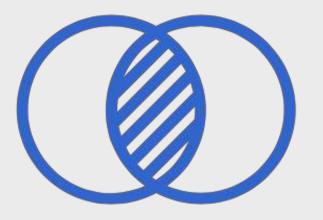
1400 employees



Pim Nauts Lead Data Science



Data Science, organised around 4 domains (2017)



Relevance

Smart advertising Recommendations Data platform Experimentation

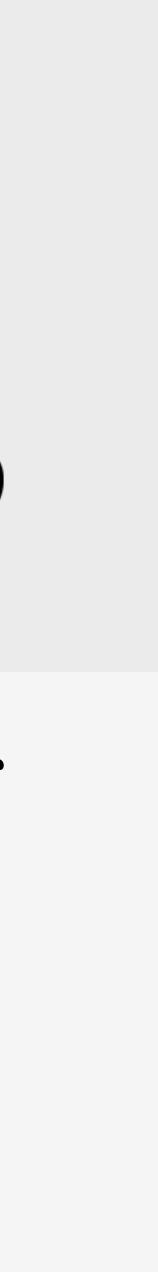






Search & content

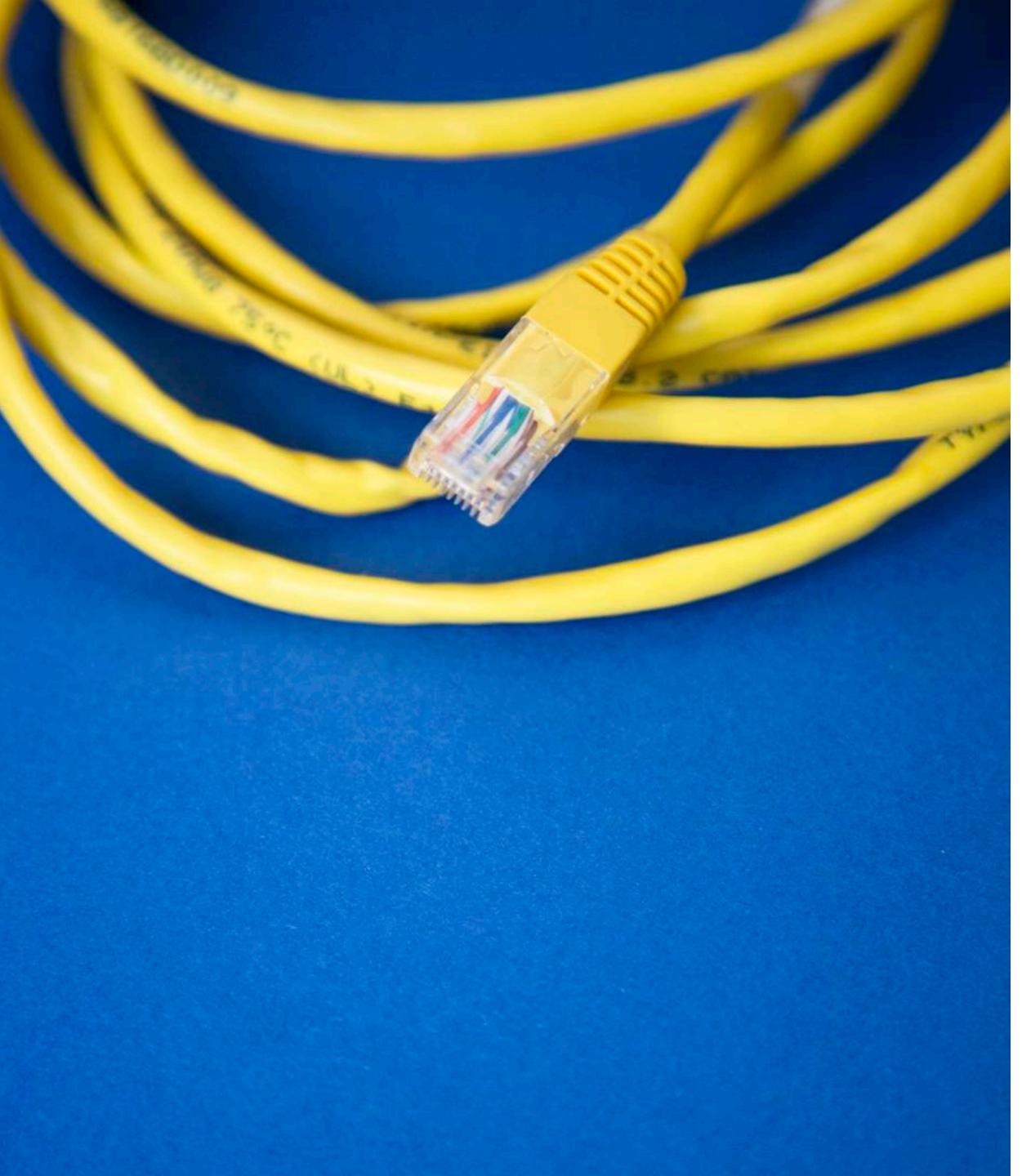
Forecasting



We use data, about evenywhere

Traffic - Conversion - Order value - returns





A definition

Use data you have (seen) *to* Generate data you haven't (seen)



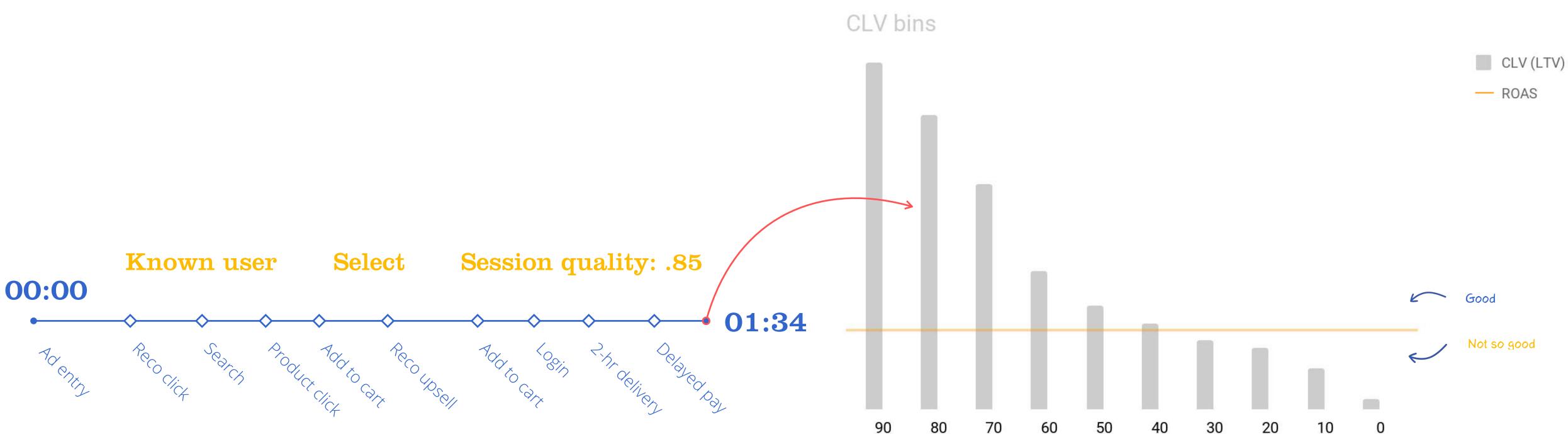
Data for CX: recommendations







Predicting lifetime value to optimise audiences and ROAS.

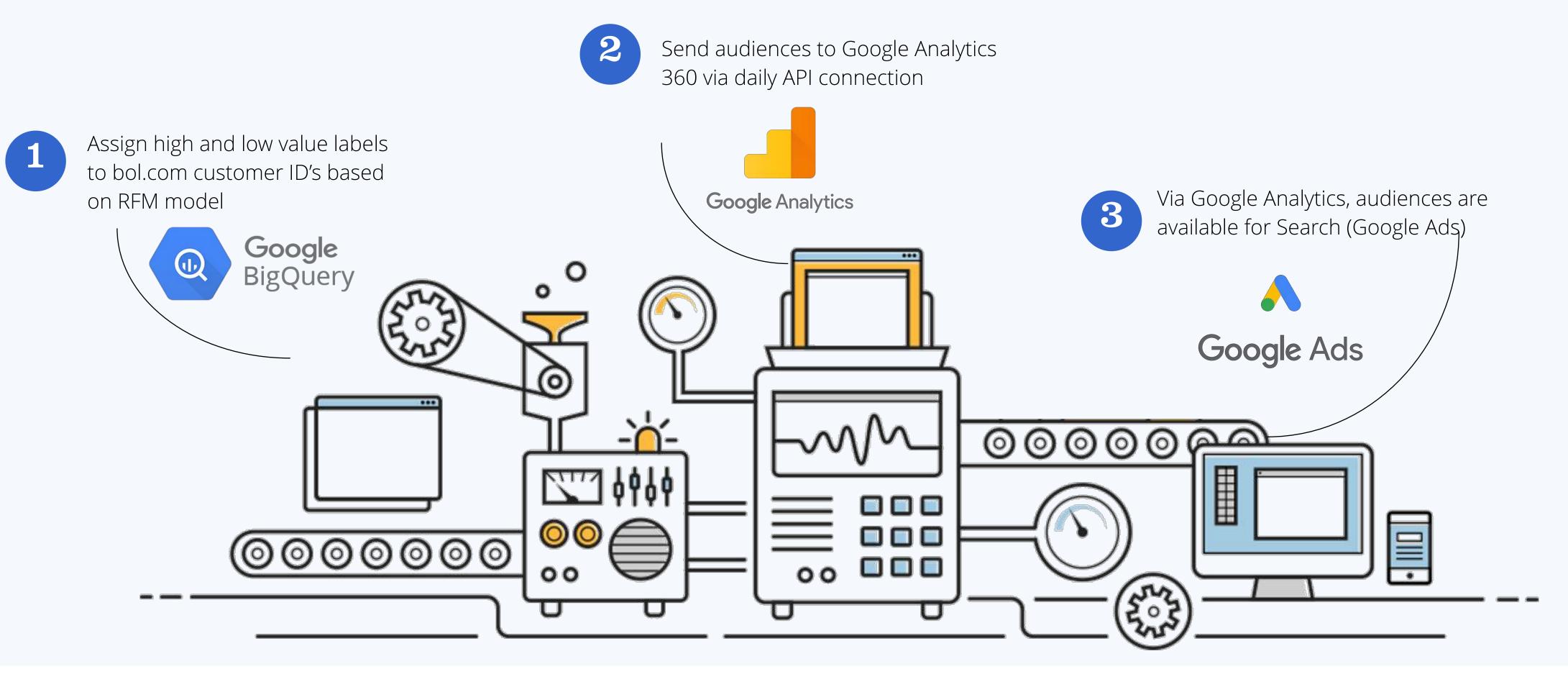


Google



The Audience Machine

high and low value audiences available in Google Ads via API on a daily basis

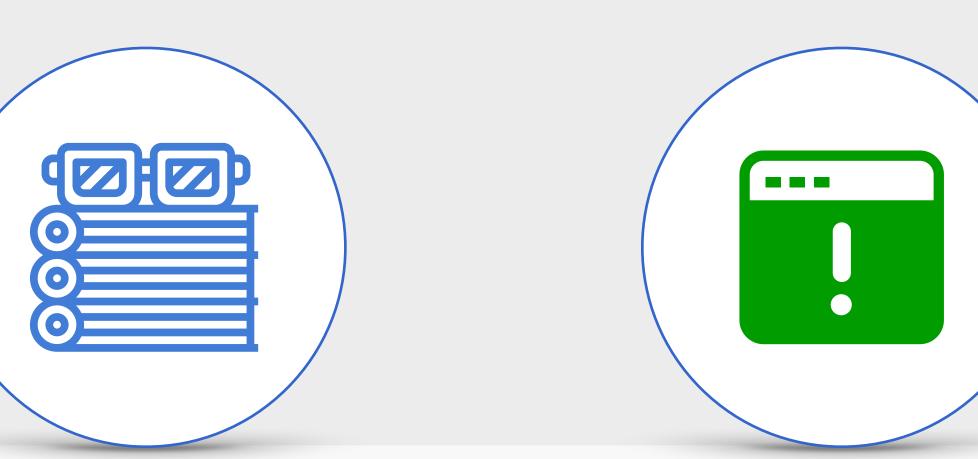




My 3 main points



Data is NOT the new oil



Learn to learn Optimise for learning





Solution of the second sec

Why (our) data is valuable: two flywheels

CX improves

We collect (more) data



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Front-end

We use (better) data

Improves quality

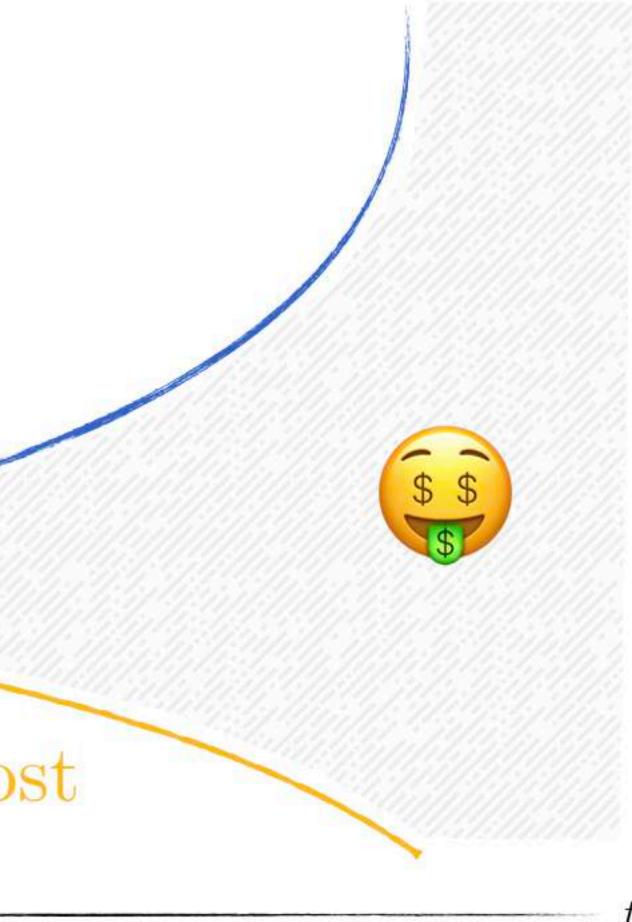
Prediction improves

Back-end

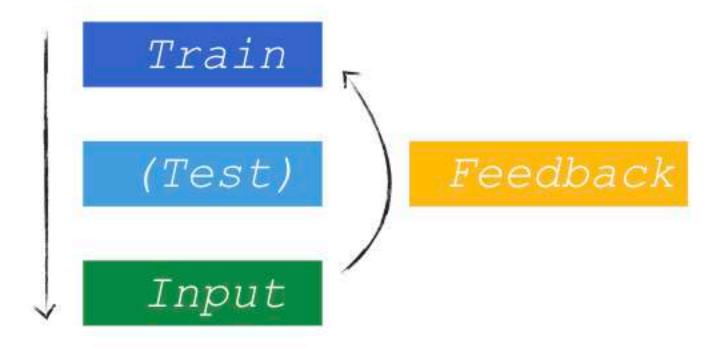


A law of increasing returns

Quality

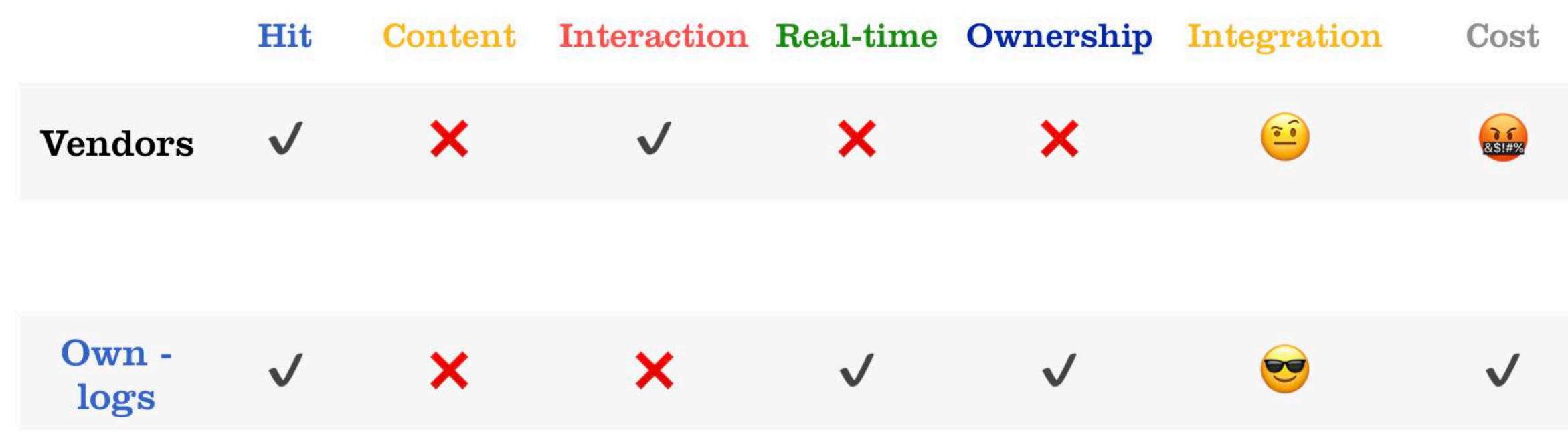


Data's changing data.

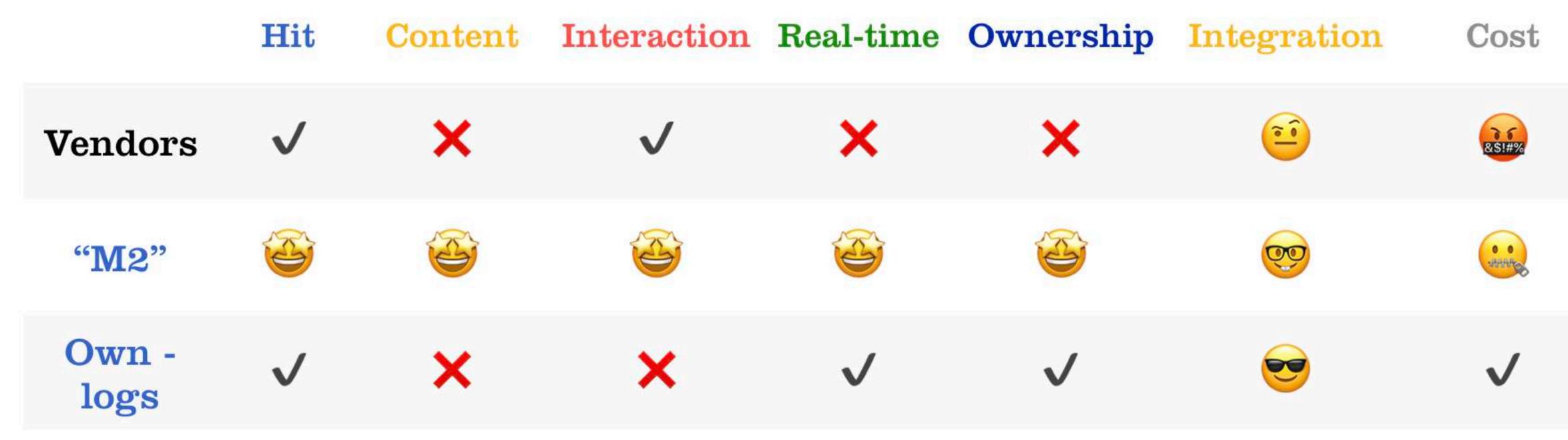




Market offerings lack the purity we want (need?)







And so we built our own



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When it pays to invest in methods (yourself)

Amount of data

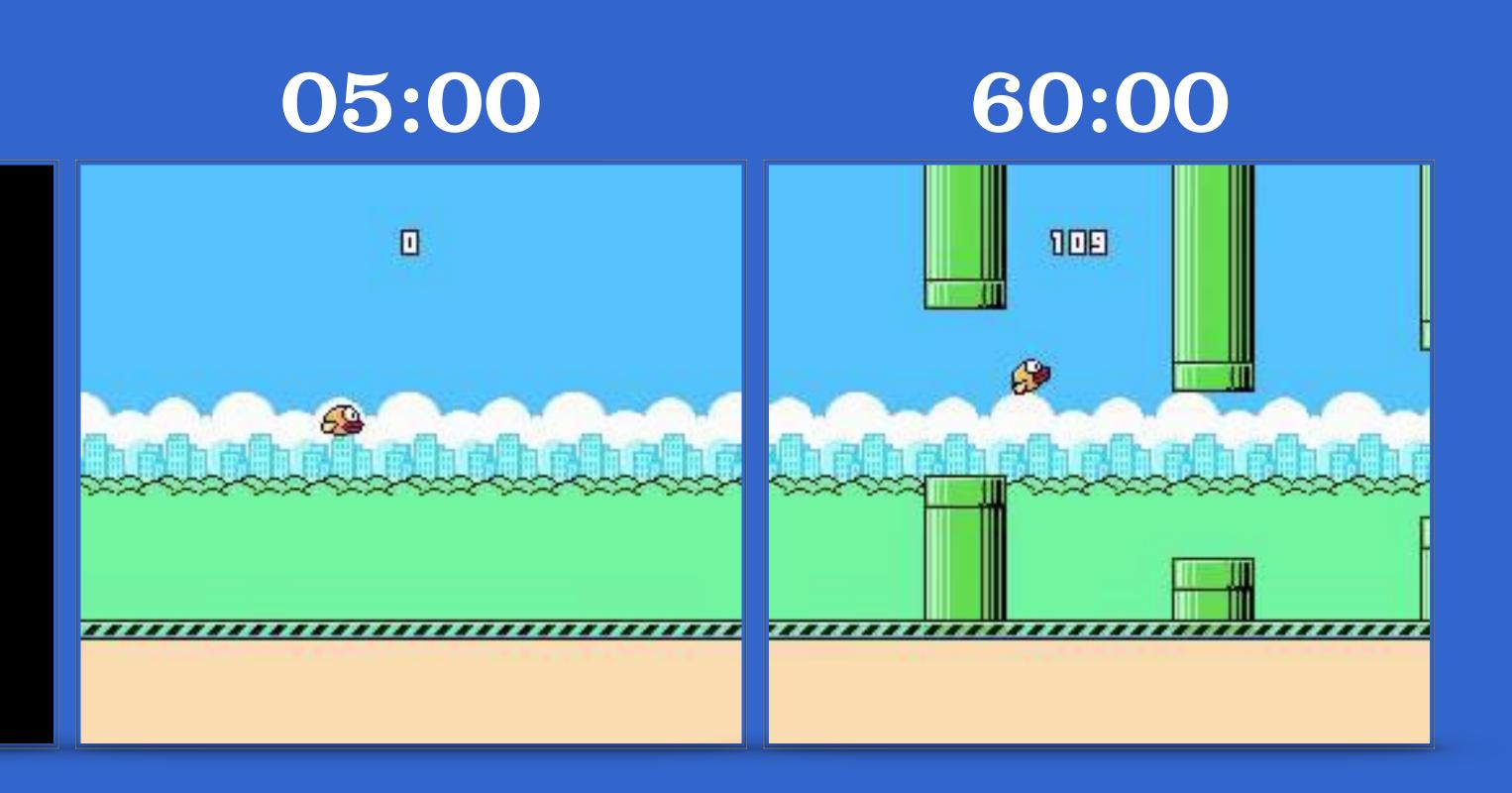






Initially

Unofficial NES port By Nioreh 2014 (easier v)





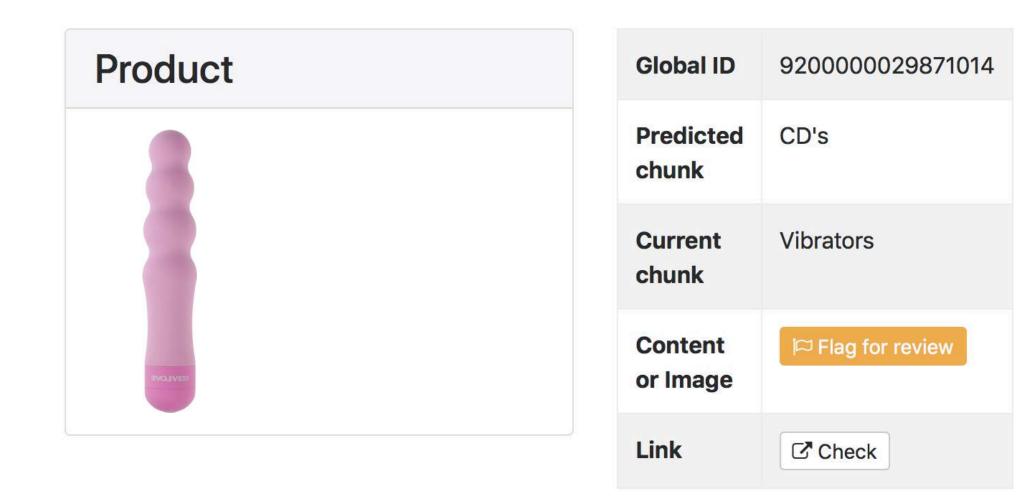


Predicting product categories



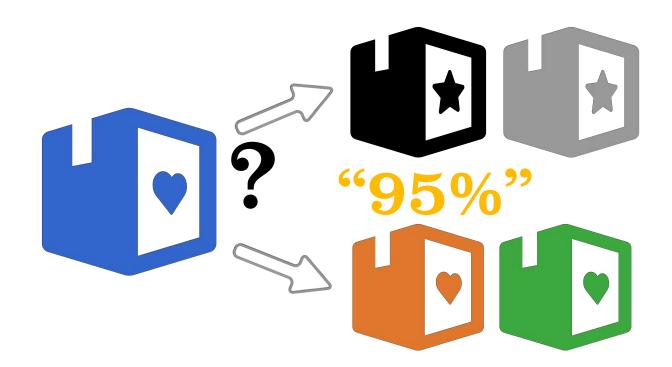


Does Evolved Bliss - Roze - Vibrator belong on CD's?



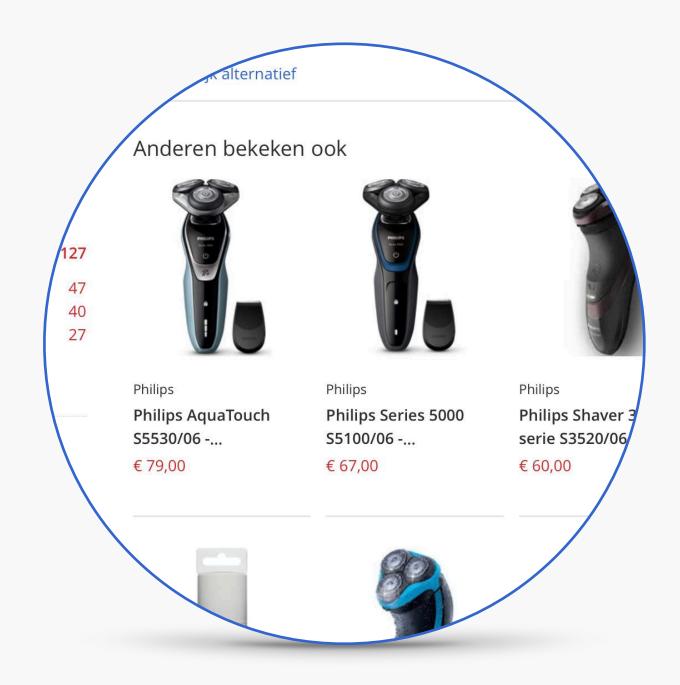


Good, or good enough? Properly understand real-world metrics



Catalogue

VS



Recommendations

Implementing AI-ML == organizational change

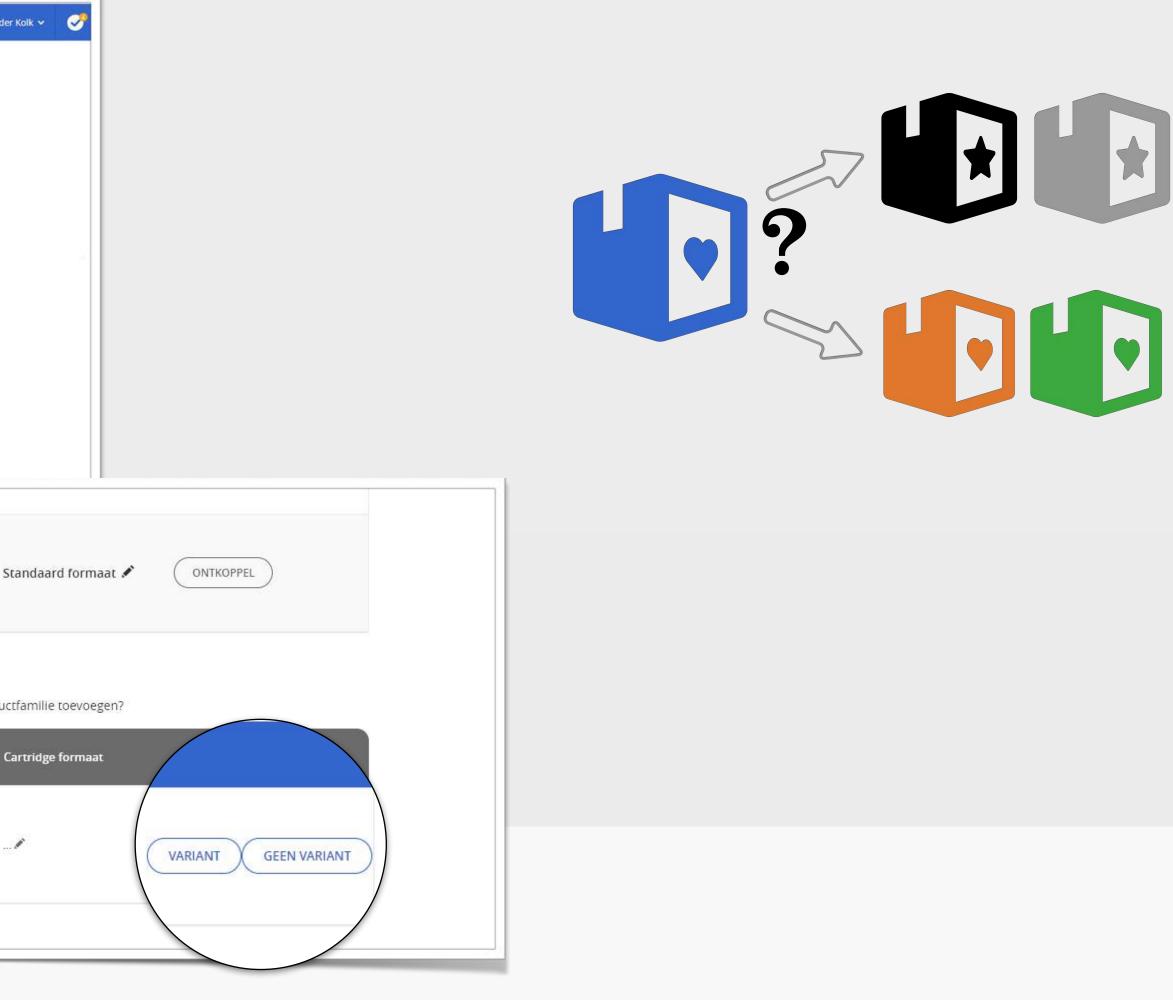




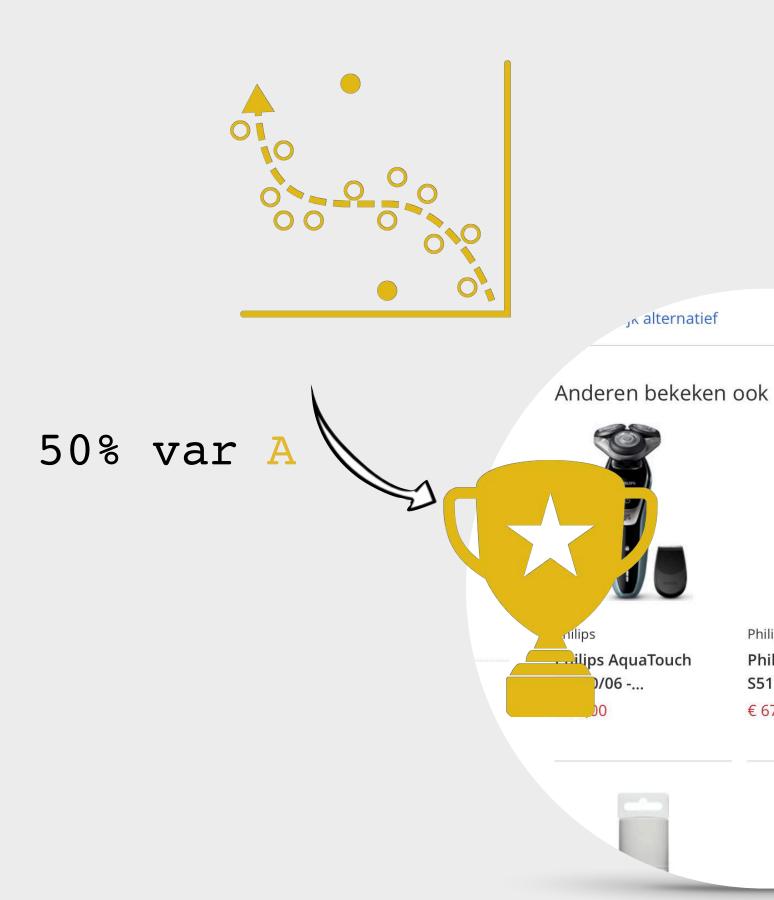
Start where the feedback is Because feedback = learning

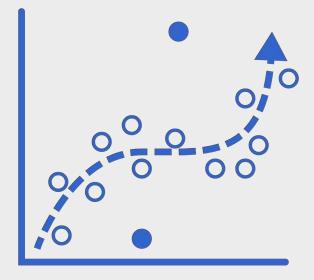
Gee		ten van het door jou geselecteerde artikel die in deze					
spe	ciale formulier. Een me	arianten. Mocht je een suggestie willen doen voor ee dewerker van ons zal je suggestie evalueren en terug	koppelen wat we met de sugges	stie hebben gedaan.			
Vo	er hier acties uit o	op je productfamilie.	⊗ = D	oor jou geselecteerd d	P = Gekoppeld aan geselecteerd(e) a	irtikel(en)	
		Artikel	Schermdiagonaal	Kleur		34	
\odot	SAMSUNG	Samsung UE55NU7100W - 4K tv Samsung EAN 8801643164294 C Televisie Bewei productinformatie	rk 55 inch (140 cm) 🖍	Zwart 🖍	ONTKOPPEL		
Ø	45 BHD SAMSUNG	Samsung UE49NU7100W - 4K tv Samsung EAN 8801643164270 C Televisie Bewen productinformatie	rk 49 inch (124 cm) 🖍	Zwart 🖋	ONTKOPPEL		
Ø	75 SAMSUNG	Samsung UE75NU7100W - 4K tv Samsung EAN 8801643164348 🖆 Televisie Bewer productinformatie	rk 75 inch (191 cm) 🖍	Zwart 🖍	ONTKOPPEL		
۵				uctinform ²⁵⁹⁶⁶	e / Zwart 🖁 Cartridge Bewerk	Zwart 🖍	St
			gevonden vari mogelijke nieuwe va		gevonden voor je product	familie. Wil je deze a	an je produci
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		?	Epson EA	9XL - Inktcartric N 8715946601656	d ge / Magenta 5 Cartridge Bewerk	Paars 🖍	





Optimise for learning. Most feedback + highest tolerance for error







Philips Philips Series 5000 S5100/06 -... € 67,00



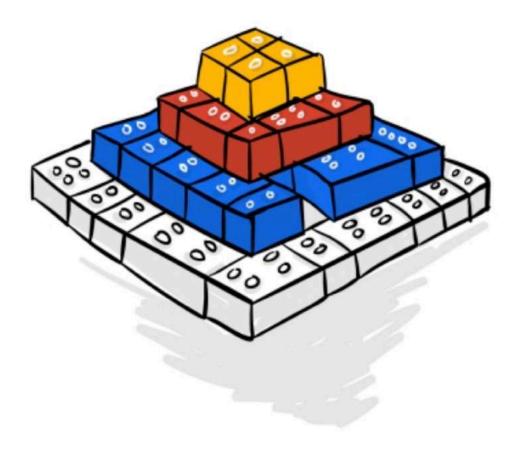
Philips **Philips Shaver 3** serie S3520/06 € 60,00



50% var B

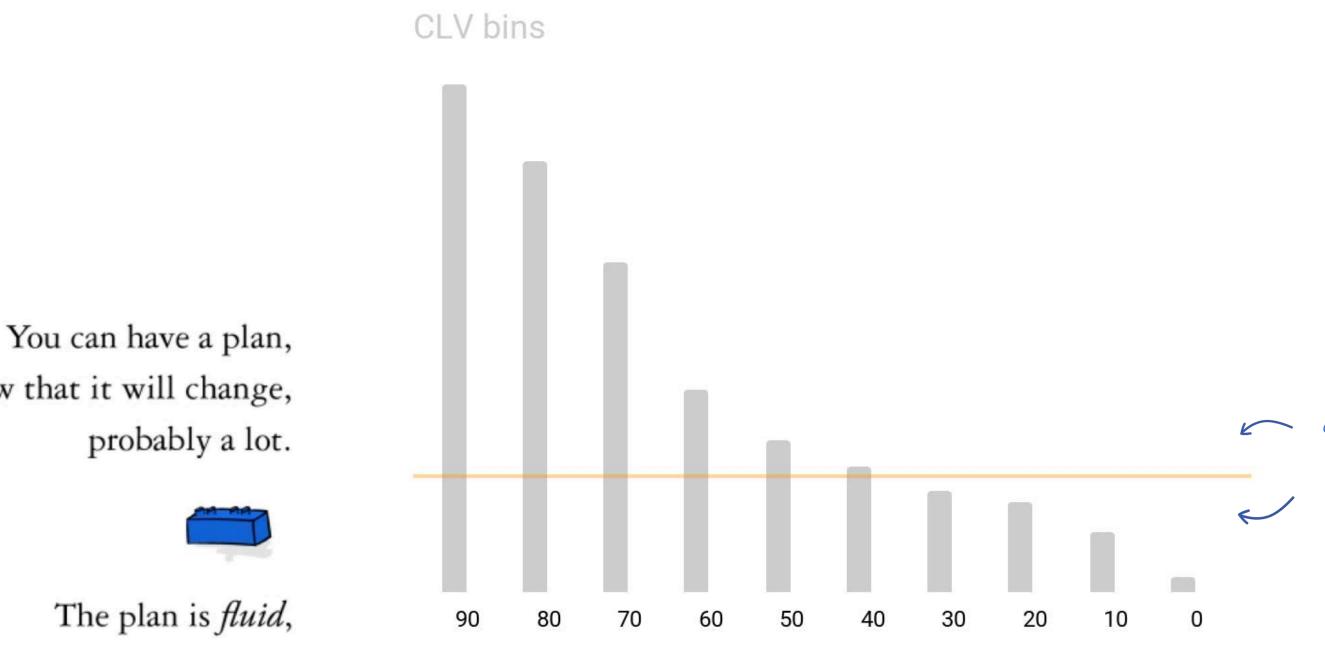
Drive the car, don't design the route

Don't base your venture on a plan. Instead base it on a strategic foundation.



but know that it will change,





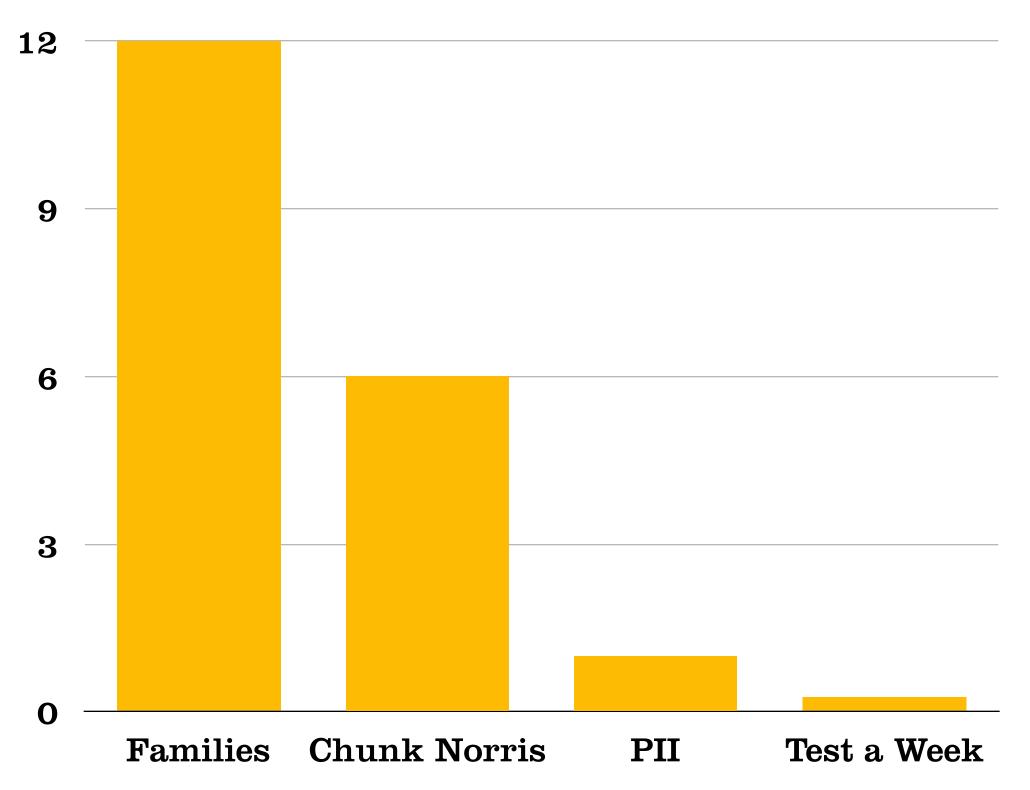
the foundation stable.

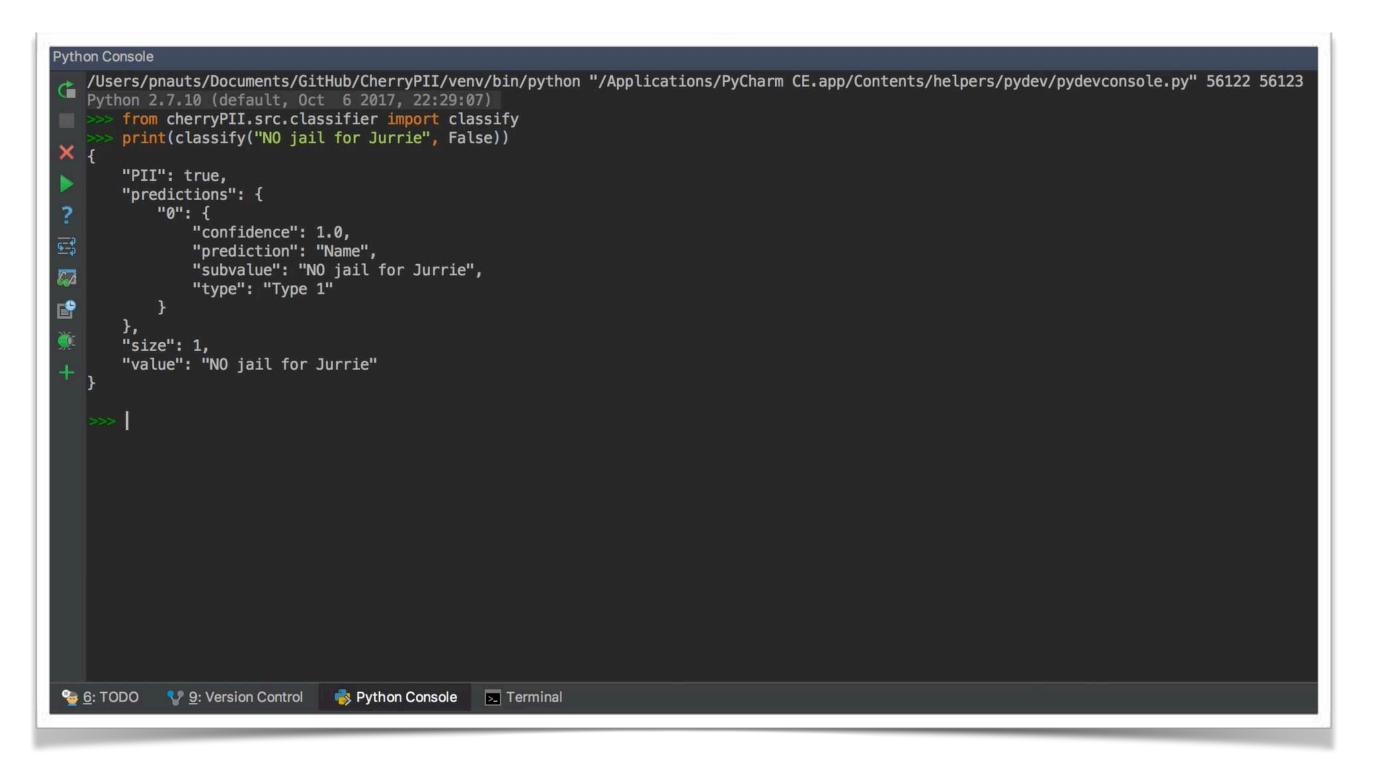
CLV (LTV) ROAS

Not so good

Optimise (and organise) for learning As learning compounds *fast*

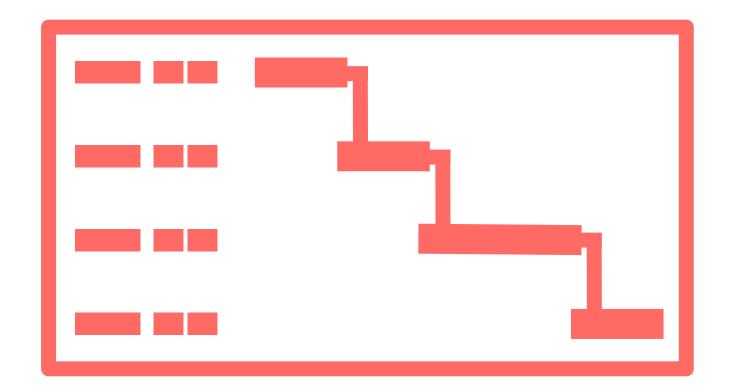
Time to value

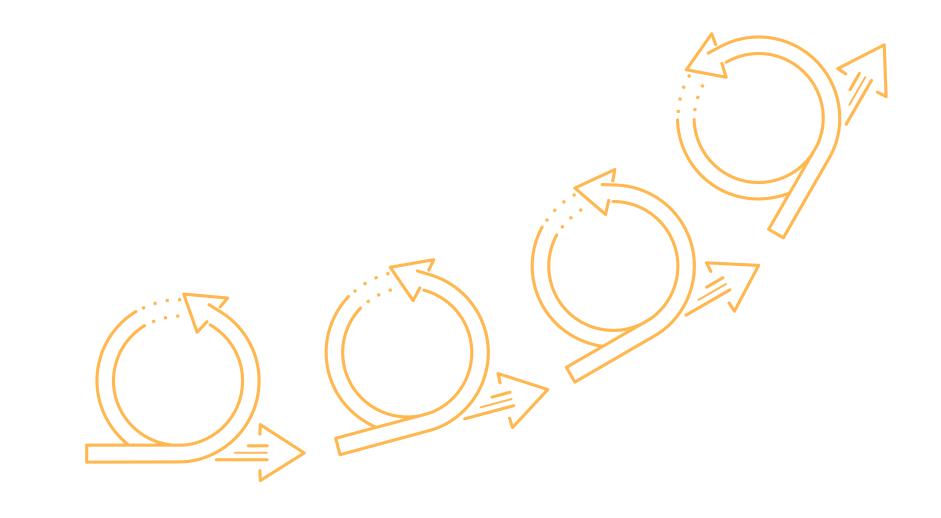




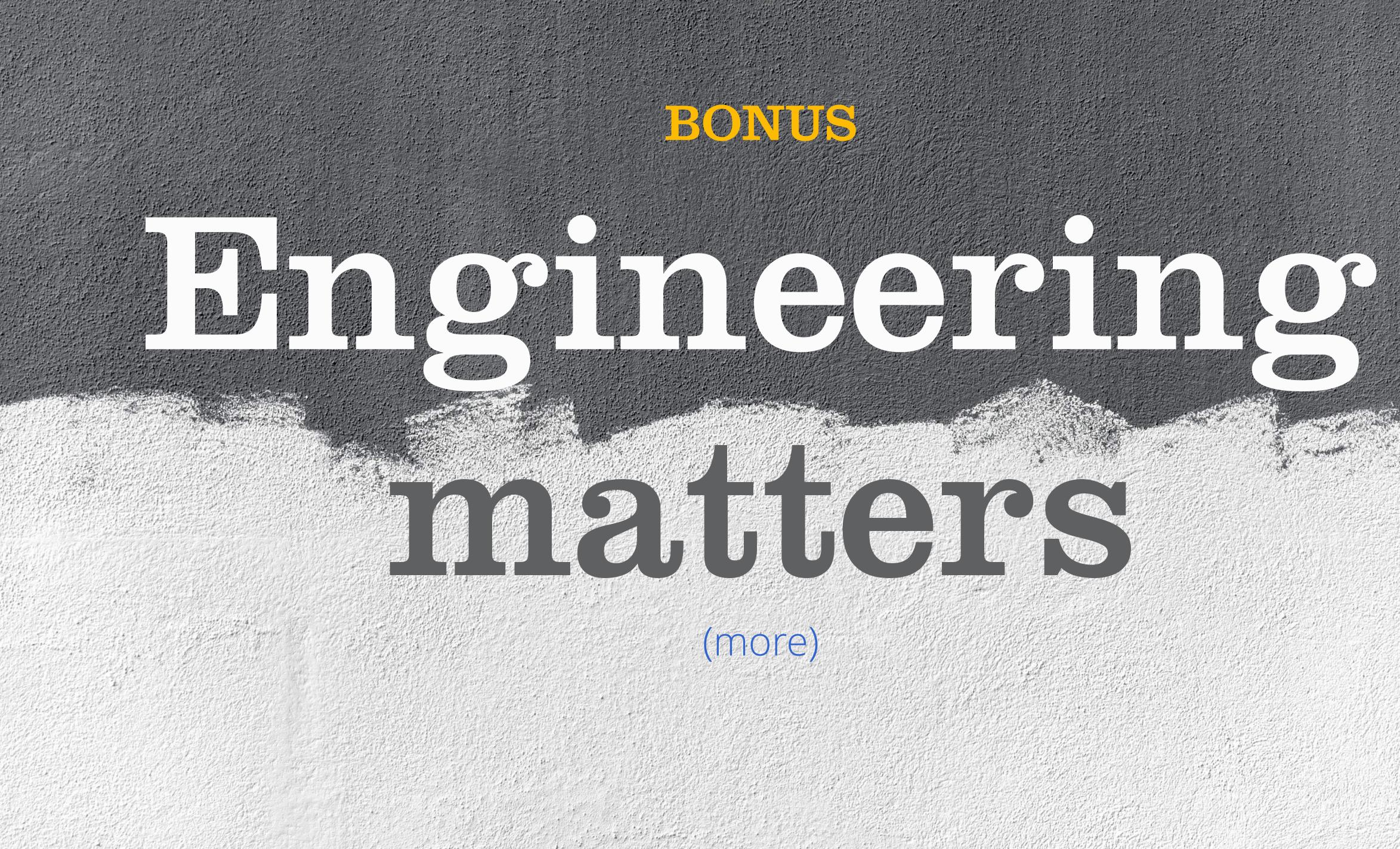
CherryPII: one week

A project is not a product Constantly iterate, because value comes from the improvement, not the achievement



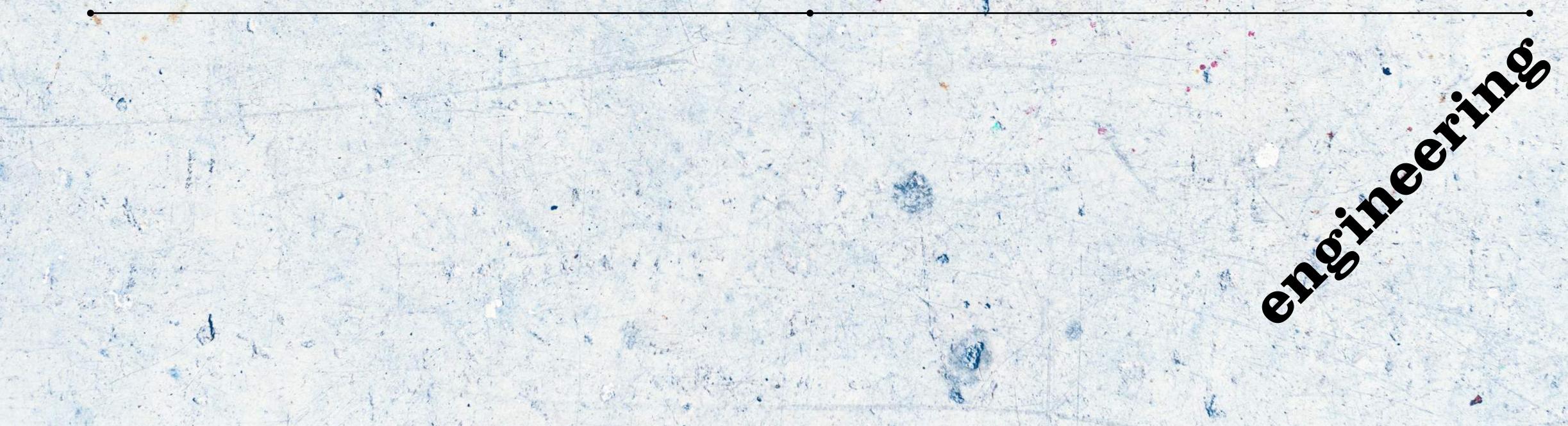












We want our teams to span the spectrum

science





Data is NOT the new oil.

Learn to learn.

Take control and try to drive down the unit cost.

(from your data)

In digital, the fastest learners win.

My 3 main points





Optimise for learning

Finding your first failure is much easier. Start where there's feedback and high tolerance for error.

Learning 2 DATA to learn ADAG



